

# 4S/EASST

## Barcelona 2016

**Science & technology by other means: Exploring  
collectives, spaces and futures**



**August 31-September 3, CCIB**



**#4sEASST2016**

## Presidents' Message

Us donem la benvinguda a Barcelona! ¡Os damos la bienvenida a Barcelona! It is our great pleasure to open the program for the EASST/4S 2016 conference, exploring the multiple places and possibilities for enacting 'Science + technology by other means'.

Every four years, beginning in 1984 in Ghent, Belgium, the European Association for Science and Technology Studies (EASST) and the Society for Social Studies of Science (4S) have held joint conferences. We see the relationship between EASST and 4S as that of complementary sister societies, and welcome the opportunity to deepen and expand that relationship through these confluences of our membership. This year, thanks to the extraordinary efforts of a collective of colleagues within the Spanish STS network, we come together in Barcelona to enjoy both intellectual and cultural replenishment at the EASST/4S Conference BCN 2016.

We are particularly grateful to the sts2016bcn organizing and scientific committees, who have worked with tremendous commitment and care to accommodate as many STS scholars as possible within the limits of even the spacious Centre de Convencions Internacional de Barcelona. As interest in STS continues to grow, this conference saw an overwhelming response to the call, with over 2500 abstracts submitted. While this is a good problem to have, it is a real one as it implies that not all of those who wish to participate can be included, however creatively the organizers approach the challenge of expanding space and time.

Thanks to the organizers' commitment to maximize inclusion, the program for the next four days reflects the depth and range of scholarship and activism within the multiple fields that comprise STS. There will be little here of business as usual in terms of the discourses and practices of science and technology, and much in the way of critical and inventive heterodoxy. Organized under the banner of 'collectives, spaces, and futures,' the conference aims to expand the range of associations, locations and possibilities that comprise STS, as well as its modes of engagement.

The conference closes on Saturday with the Presidential Awards Plenary (Saturday September 3 from 18:00 – 19:30), in which our two societies have the opportunity to recognize those colleagues who have made significant contributions to the field of STS. As the number of our joint awards is large, we have worked to develop a format for the plenary that is both celebratory and substantive and that invites the recipients not only to enjoy the community's recognition of their own outstanding work, but also to engage with each other in conversation. This session will also provide us all with an opportunity to express our gratitude to those whose labours have brought this conference into being. The result is what we are confident will be a lively and inspiring session, reminding us of the reasons that participation in the field of science and technology studies matters to us so much.

Fred Steward, President, EASST and Lucy Suchman, President, 4S

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## Welcome by the Organizing Committee

The local committee welcomes you to the joint 2016 4S/EASST conference. We are very happy to see you all in Barcelona. It has been a long and hard path since we decided to accept the kind invitation from 4S and EASST to organize their 2016 joint conference. We knew it was going to be daring, and we would be lying if we said we were not worried about the work that it could imply. Thus, we accepted the invitation as a challenge: to organize the most inclusive big conference possible in the South of Europe in a period of austerity, precarity, and limited institutional support. All the decisions we have made have sought to achieve this aim.

First, the very motto of the conference is a desire to be inclusive. We wish to explore collectively the ways in which science and technology are increasingly performed 'by other means', in a variety of exploratory activities that include the articulation of collectives that do not fit with the traditional actors in science and technology, or in ways that problematize the established value systems involved in the production of knowledge and technologies. During these days we invite you to meet people producing knowledge outside the mainstream institutions, people doing research in very precarious ways or even having to leave their countries in order to keep their engagement with science and technology. We have tried to make this conference as porous in its boundaries as possible: including invited speakers from other fields and contexts and working to generate workshops and encounters with activists, artists and other scholars beyond the walls of the conference venue.

In addition, we implemented all possible measures to accept as many papers as possible from the more than 2500 proposals received. After a long and complex process, with the inestimable work of convenors, we have been able to allocate 1746 papers (much more than those initially foreseen) in 109 open tracks and 90 closed sessions (plus sessions off conference, prizes and several presentations). With almost 2000 registered participants, this is the largest EASST/4S joint conference ever.

Finally, we have tried to be loyal to an ethics of care in our relation with each and every one of those who have expressed interest in taking part in this conference: from encouraging a caring evaluation of papers to a careful attention to all of the practicalities and requests.

We cannot finish this welcome without expressing our warmest thanks for the support received from both the Universitat Autònoma de Barcelona and the Universitat Oberta de Catalunya. Their help has made our work much easier.

We hope you will engage in listening to amazing presentations, sharing your research and ideas, creating fruitful networks and, of course, enjoying the city!

**Organizing Local Committee:** Nerea Calvillo, Miquel Domènech, Daniel López, Vincenzo Pavone, Israel Rodríguez-Giralt, Carmen Romero-Bachiller, Tomás Sánchez Criado, Francisco Tirado.

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**Conference Secretary:** Miriam Arenas, Rocío Thovar

**Scientific Committee:** Eduard Aibar, Attila Bruni, Daniel Breslau, Ana Delgado, Ana Delicado, Adolfo Estalella, Pierre-Benoit Joly, Francesca Musiani, Tani Pérez Bustos, Eulalia Pérez Sedeño, Carmen Romero-Bachiller, Estrid Sorensen, Lucy Suchman, Francisco Tirado, Manuel Tironi.

## Science & Technology by other Means: Collectives, Spaces and Futures

Some decades ago STS scholars proposed that science and technology could be considered as ‘politics by other means’. Many years have gone by, and STS researchers are turning their attention towards proposals and experiences where science and technology are increasingly performed ‘by other means’ in a variety of exploratory activities. These include the articulation of collectives that do not fit with the traditional actors in science and technology, or who work in ways that problematize the established value systems involved in the production of knowledge and technologies, e.g. fostering the creation of open science, DIY design and commons-based p2p projects, citizen science and maker communities, feminist and environmentalist technoscience projects, and many other platforms seeking to create alternatives to public/private technoscientific arrangements.

Emerging science and technology practices show how public and private actors are being re-assembled along routes that do not follow once established divides: science and technology are increasingly produced by private not-for-profit actors, such as CSOs, patient organizations and new citizens’ collectives. At the same time, traditional public institutions once entrusted with the mission of ‘producing’ science and technology for the common good, like universities and research centers, are being transformed into for-profit organizations subjected to productivity bonuses, austerity measures and new public management accounting principles. These emerging and consolidating phenomena destabilise and re-signify existing public and private spaces, whilst generating new ones. In turn, new technoscientific communities and unexpected political mobilizations are continually opening up, engendering other contested options, as well as forging routes to explore more democratic and hospitable futures in times of care, housing, food, financial and environmental crisis.

The joint 2016 4S/EASST conference in Barcelona is an opportunity to share reflections, ideas, findings and projects on a variety of aspects characterizing these alternative ways to do science and technology: (a) such as the fact that all of these transformations usually take place in blurred everyday spaces and not in those enclosed established spaces for science and technology development, such as laboratories or industrial R&D departments; (b) or, in a similar way, the fact that research and innovation processes are

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increasingly organised in networked, horizontal assemblages where the traditional hierarchies in science are put into question and where science and technology are being co-produced by different actors in different, sometimes antagonistic, ways; (c) and, finally, the fact that traditional boundaries between the public and the private are no longer confined to state and for-profit actors, care practices taking a preeminent presence in most of these everyday situations.

We think that 'by other means' is a label, a description, a statement and even a category, but it is much more. It is a vindication, a feeling and a tribute to all those people engaging with science and technology practices in very precarious and non-institutional ways. People without funding, people outside their country, people outside the academy ...

## 4S Governance

President: Lucy Suchman, Lancaster University, UK

Past President: Gary Downey, VirginiaTech, USA

Secretary: Stephen Zehr, University of Southern Indiana, USA

Treasurer: Paige Miller, University of Wisconsin, River Falls, USA

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Gwen Ottinger, Drexel University, USA

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### Student Representatives:

Bryn Whiteley, Virginia Tech, USA

John Lunsford, George Mason University, USA

Erika Amethyst Szymanski, University of Otago, New Zealand

## EASST Governance

### President

Fred Steward, Policy Studies Institute, Westminster University, UK (Elected 2013 – 2016)

### Secretary

Estrid Sørensen, Ruhr-Universität, Bochum, Germany. Elected Council Member (2013 - 2016)

### Treasurer

Harro van Lente, Maastricht University, The Netherlands.

Elected Council Member (2013 - 2016)

Attila Bruni, University of Trento, Italy. Elected Council Member (2011 - 2018)

Ignacio Farias, Munich Center for Technology in Society of the TU München, Germany.  
Elected Council Member 2013-2016

Maja Horst, University of Copenhagen, Denmark. Elected Council Member 2013-2016

Pierre-Benoit Joly, National Institute of Agronomic Research, Paris, France. Elected Council Member (2009 - 2012)

Vicky Singleton, The Centre for Science Studies and The Centre for Gender and Women's Studies, Department of Sociology, Lancaster University, UK. Elected Council Member 2014-2018

Student Representative: Marton Fabok, University of Liverpool. Elected Council Member 2013-2016

Co-opted Member: Co-ordinating editor of Science & Technology Studies

Salla Sariola, Department of Sociology, University of Turku, Finland

Co-opted Member: Eurograd admin and web support

Ingmar Lippert, IT University of Copenhagen, Denmark

Co-opted Member: EASST / 4S Conference Co-ordination (2016)

Miquel Domènech, Barcelona Science and Technology Studies Group (STS-b), Universitat Autònoma de Barcelona.

## Conference Venue

### *Barcelona International Convention Centre*



The CCIB – Centre de Convencions Internacional de Barcelona, the Barcelona International Convention Centre – is an integral part of Diagonal Mar, the newest section of Barcelona's seafront. This also places the CCIB in the heart of the technology and business district known as Barcelona 22@.

More info: <http://www.ccib.es/home>

Willy Brandt Square 11-14 | 08019 Barcelona | [marketing.ccib@ccib.es](mailto:marketing.ccib@ccib.es) | T. +34 932301000

### ***Registration***

The Registration Desk is located in the Main Hall at the CCIB. The desk is open for registration and information:

Wednesday, 31, August: 14:00 - 19:00

Thursday, 1, September: 8:30 - 17:30

Friday, 2 September: 8:30 - 17:30

Saturday, 3 September: 8:30 - 17:30

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## ***Conference Information Desk***

The Conference Information Desk is open during the conference hours. The staff will be happy to assist you with all matters concerning the conference. CCIB has a permanent reception denoted "Information". Please feel free to ask more general questions about CCIB here. In addition to the staff at the Conference Information Desk, you can also look for the Volunteers who will be easily recognizable.

## ***Name Badge and Tickets for Events***

Upon registration all participants receive a name badge. All participants are required to wear their badge during all conference events. For those who have signed up to participate in the banquet, Friday 2 September, a ticket will be handed out together with the name badge. As there is a limited number of tickets available we urge those who have signed up for a ticket but for some reason will not make use of it to hand it in at the Registration Desk so it can be passed on to another participant.

## ***Lunch***

A lunch bag is served for those delegates who have previously ordered this service in their registration. The bag lunch will be available at the Venue on the first floor along the Hallway on Thursday, Friday and Saturday from 12:30-14:00. There will be different collection points, organised by colors, according to dietary requirements.

There is also a wide variety of restaurants and bars at Diagonal Mar Shopping, just in front of the venue. For more information please check <http://www.diagonalmarcentre.es/en/>

## ***Coffee/Tea Breaks***

Coffee/Tea Breaks and Refreshments are served Thursday, Friday and Saturday from 10:30-11:00 and 17:30-18:00.

## ***Smoking***

CCIB is a non-smoking environment. We kindly ask you to respect this and refrain from smoking outside the designated areas.

## ***Lavatories***

Lavatories can be found on all floors of the CCIB, near the elevators and rooms.

## ***Internet Access***

Free internet access will be only available in the main foyer. The network (SSID: stsconference) will be open for all the delegates during the conference (it does not require password to connect).

## ***AV-Equipment***

The rooms are equipped with data-projectors, screens and microphones (when needed).

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There will be also a limited number of computer speakers in the registration desk to solve last minute needs. Please remember that rooms are not equipped with PCs. We strongly suggest that the participants and convenors bring their laptops and any devices they may need. CCIB technicians and Conference Volunteers will be present and assist with uploading of presentations and other possible demands related with AV Equipment.

### ***Liability***

Neither 4S/EASST nor the CCIB are liable for any losses, theft, accidents or damage to persons or objects, regardless of the cause. Participants and accompanying persons attending the Conference and all related events do so at their own risk and responsibility. Taking out travel insurance is recommended.

## **Receptions and Banquet**

### ***Welcome Reception***

***Wednesday, 31 August 19:30-20:30 pm (Banquet room)***

CCIB – Centre de Convencions Internacional de Barcelona

For the Welcome Reception we have organized a glass of cava (a typical sparkling wine from Catalonia). In addition there will be white wine, red wine, soft drinks, mineral water and some snacks.

### ***STS Verbena***

***Friday 2 September, 21:00-01:00***

***Location: Poble Espanyol: Avda. Francesc Ferrer i Guardia, 13.***

Following the motto of this conference the local committee aims to celebrate our gathering in Barcelona by organising a banquet by other means. Happily, we don't need to create a new concept for this (not this time). There is a nice word in Spanish (also in Catalan and Galician) that encapsulates our idea of a banquet by other means: a *verbena*. Apart from naming a plant, verbena means a popular party, usually a summer open-air dance in a street or in a main square of a town, village or a neighborhood organised on the eve of an important festivity (men used to wear a verbena "boutonnière" in such parties, that's why the party took this name). Traditionally a verbena includes music, dance, and stalls of typical food and drinks. And that's precisely what we'd like to recreate in our celebration.

The party will take place in the main square of a very particular village: el *Poble Espanyol* (Spanish Village). El Poble Espanyol was built in 1929, during the dictatorship of Primo de Rivera (1923-1930), and in the context of the International Exhibition hosted that year in Barcelona. The aim was to build a monumental synthesis of the architecture of Spain. The builders of the village – the architects Ramon Reventós and Francesc Folguera and the artists Xavier Nogués and Miquel Utrillo – travelled throughout the peninsula to choose representative buildings to make a village that embodied the different regions of Spain

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(except the Canary Islands and la Rioja for budget limitations). In total, there are six hundred villages represented in el Poble Espanyol.

As a project, el Poble Espanyol (originally was to be named Iberona) has clear connections with other neo Romantic projects re-creating regional and vernacular architecture as a form of exhibition, particularly in Europe and North and South America. In the case of Poble Espanyol, however, firstly Primo de Rivera's dictatorship (1923-1930) and lately Franco's dictatorship (1939-1975) progressively reshaped the project so as to turn it into an emblem of the Spanish nationalistic project (symbolising the "unity of the fatherland"). Within the democratic period, the Spanish village has recovered part of its artistic interest (particularly as an exercise of coexistence and re-escalation of traditional architectures). Nowadays, it is considered as an architectural museum and as a venue of different events and music concerts.



Two great DJs and vinyl collectors will help us to recreate this verbena and to explore the connections between materiality, memory and music.

**3penics**, a DJ, blogger and vinyl collector, will allow us to travel to the 60s and early 70s mixing lounge, garage, yeye, iberian soul and psychedelic music mainly from Spain but also from France, Italy and the UK. <http://3penics.blogspot.com.es/>

**Txarly Brown** is a graphic designer, DJ, promoter, collector, activist and music producer. He is also well-known for his work documenting, DJing and promoting early Catalan rumba (a genre of music that developed in Barcelona's Romani community beginning in the 1950s) and modern rumba scene (or "achilifunk"). [www.facebook.com/txarly.brown](http://www.facebook.com/txarly.brown)

## ***Practical information***

Delegates can use public transport to get to El Poble Espanyol (either buses, metro or taxi). Except taxi (which normally takes around 25min) all combinations are **about 1 hour**. Taxi from CCIB to Poble Espanyol will cost around 18€.

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The best bus to get there is **H16** (from “Passeig Taulat-Diagonal Mar” to “Plaça Espanya”). If you prefer to go by tube, the best combination is **L4** (yellow line) “El Maresme/Fòrum” and Stop at “Urquinaona” and change to L1 (Red line) “Espanya”.

For other possible combinations, please check the Barcelona City Council’s website “Getting there”: <http://com-shi-va.lameva.barcelona.cat/en/>

Delegates can also return to the city center or to the hotels very easily by using public transport (buses, metro and taxis). Poble Espanyol is located in a busy area of the city, quite close from the centre, and with plenty of mobility options (metro closes at 02:00 am, the rest of services are 24/7).

## Tube (Metro)

*To city centre. Metro: L1, L3- Stop “Espanya” (Plaza de España).*

*To CCIB. Same as to the city centre but change in Urquinaona or Passeig de Gràcia to the L4 and stop at “El Maresme/Fòrum”.*

*More information: <http://www.tmb.cat/es/linies-de-metro>*

## NitBus (Night Bus)

*To City Centre. N1*

*To CCIB. N2 & N6*

*More information: <http://www.ambmobilitat.cat/Principales/BusquedaNitBus.aspx>*

## Taxi

**ASSOCIACIÓ RÀDIO TAXI MIRAMAR +34 934 331 020**

**TAXI CLASS RENT, SL. +34 933 070 7 07**

**BARNA TAXI +34 933 577 755 - 933 002 314**

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**TAXI AMIC +34 934 208 088**

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## *Sponsors*

The STS Verbena is generously sponsored by the **Internet Interdisciplinary Institute (IN3)** from Universitat Oberta de Catalunya, and the **Science, Technology and Innovation Studies Subject Group** from the University of Edinburgh, which celebrates 50 years of the Science Studies Unit!



# SS50

Science Studies Unit  
50<sup>th</sup> Anniversary



## **Celebrating STS@50**

2016 marks the 50th anniversary of the formation of some of the earliest centres in science and technology studies. In 1966 David Edge established the Science Studies Unit at the University of Edinburgh and Chris Freeman set up the Science Policy Research Unit at Sussex University.

Foundational Edinburgh studies challenged the boundary that had been presumed between science and its social context. Today we can look back and see how our field has grown through a constant willingness to challenge established boundaries and exploring collectives, spaces and futures.

Science, Technology and Innovation Studies at the University of Edinburgh is therefore delighted to co-sponsor a celebration of the growth and diversity of traditions in the field. How better to celebrate than with a party?

**Science, Technology and Innovation Studies Subject Group, University of Edinburgh**

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## Special Activities

### ***Post-Graduate Workshop***

***Wednesday 31st August from 8:30 to 15:00***

***Location: Hangar and the Poblenou district.***

Organizing team: Erika Szymanski (6S), Márton Fabók (EASST), Guillem Palà Nosàs (UAB), Joan Moyà Köhler (UOC/UAB), Öznur Karakaş (UOC), Lluvi Farré Montalà (UOC)



Collaborative workshop for graduates, postgraduates, and early-career scholars on new and unconventional research practices, publishing options, and careers “by other means.” This is an informal workshop for sharing ideas, not a venue for individual presentations. We ask for no special background or experience in alternative/open-access publishing, cooperative research practices, or careers outside academia, only an interest in discussing these topics.

Hear from cooperators in Barcelona’s activist scene, other students and former students about strategies for alternative and open-access publishing, cooperative research processes, and careers outside academia. Discuss your own experiences, ideas, and concerns. Network with an international mix of colleagues. Share refreshments and get to know Barcelona a bit better.

### **Preliminary program**

***08:30 – Welcome and historical route around Poblenou***

***10:30 – Research by other means***

STS is about opening into diverse and intriguing research practices. Our research is often performed to explicitly concern the accounts of participants other than the researcher via

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ethnography, increasingly broadly conceived. The rise of “big data” and DIY biology, for example, challenge how we define what it means to do research. STS researchers adopt roles in art, architecture, and design to explore new perspectives on dwelling in enacted worlds. In this session, we invite discussion about the practicalities of research in spaces outside conventional academic borders, and about their broader theoretical implications for the delicate relationships between researchers and the research(ed) worlds they assemble.

#### ***12:00 – Publishing by other means***

Recent years have witnessed a movement toward innovative, increasingly open and democratic publishing practices beyond the conventional peer-reviewed paper: open-access journals, research blogs, multi-modal theses, open data sets, and other forms of “sharing the word.” Academic careers, in counter-motion, are ever-more dependent on publication records, largely still weighted in favor of conventional publishing outlets. PhD students, by extension, are being expected to publish faster than the learning process perhaps allows, and with peer-reviewed publication the default option for “making our work public.” In light of these motions, we invite positive (even cheerful) conversation about new possibilities and paradigms being opened up for students and the impact of these openings on our work. In this session, we hope to invite sharing of experiences, challenges, and ways forward in broadly sharing our work.

#### ***13:30 – Lunch***

#### ***15:00 – Future careers by other means***

The PhD operates as preparation for an academic career, but only a minority of today’s graduating PhDs immediately begin, let alone indefinitely remain in academia. And even many graduating PhDs who enter academia seek involvements outside it. How do we use the academic knowledge and skills in which we’ve been trained outside of academia? How do we build on an STS background to work with, or as non-academic professionals? How does STS in particular translate to work in activism, business, policy, or art? In this session, we invite discussants who work in these fields — with or without an accompanying academic career — to talk about their experiences, challenges, and joys.

### ***#QueerSTS4S: A Meetup at 4S for Scholars at the Intersection of LGBTQ Studies and STS***

***Thursday 1st September from 20:00 to 22:00pm***

***Location: Hangar Visual Arts Center, 16 Emilia Coranty, Barcelona 08018 (20min walk from CCIB)***

Hosted by: Stephen Molldrem, U. of Michigan (molldrem@umich.edu) and Mitali Thakor, Northwestern and MIT (mitalit@mit.edu)

The focus of the meetup is to build a community of scholars who work at the intersection of queer studies and STS. Graduate students and early career scholars are especially encouraged to attend, although the meeting is open to everyone at the conference. The meetup will open with around-the-room introductions. It will then transition into a meet-

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and-greet and possibly break-out sessions. Complimentary wine, beer, & appetizers will be provided!

Join the meeting at: <http://tinyurl.com/queerSTSBarcelona>. Contact: Mitali (mitalit@mit.edu) and Stephen (molldrem@umich.edu).

**Supported by:**

University of Michigan: Department of American Culture, Institute for Research on Women and Gender, and the Program in Science, Technology, and Society

University of Toronto: Bonham Centre for Sexual Diversity Studies and the Technoscience Research Unit

Society for Social Studies of Science (4S): The 4S Council, The Society for Social Studies of Science Students Section (6S)

## Publishers' Exhibit

**Location: CCIB Main Foyer**

Duke University Press

Institute for Technology Assessment and Systems Analysis (ITAS)

National Science Foundation (US)

MIT Press

Taylor & Francis

Science Technology and Society Journal

Journal of Peer Production

Mattering Press

Editorial Gedis

## Off Conference

***Workshop: "Art and Design by other means: research, methods and practices"***

***Wednesday 31st August from 10:00 to 14:00.***

***Location: Museu del Disseny de Barcelona, Pl. de les Glòries Catalanes 37-38, Barcelona***

**Co-organized by UOC-Telefonica Chair in Design and Multimedia Creation and Museu del Disseny de Barcelona**

On the one hand, there is an ever greater tendency for art and design research to establish and enhance its links with science and technology studies (STS): this has happened for a variety of methodological and epistemological reasons. On the other hand, while STS were born within the social sciences, they have extended their field of action to other disciplinary and interdisciplinary areas, related to the arts and humanities. In fact, art and design shares a mutual approach with STS that is beneficial for both sides considering their drive to transform and to be transformed.

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**Image: Susana Tesconi**

The purpose of this session is to explore this mutual approach from the multiple perspectives of those involved, as well as to exchange practices and experiences between researchers that have undertaken their work in the local context and those that come to Barcelona to present their ongoing investigations at the 4S/EASST Conference.

Aligned with the proposal of the 4S/EASST Conference to explore projects and spaces where science and technology are performed divergently, this session proposes to address and discuss potential frameworks for studying the diversity of creative practices, respecting their dispersion and their otherness, while at the same time recognizing them as such.

Some of the topics that will be addressed are:

- Maintenance and repair of the infrastructures of art and design.
- An approach to materiality and discursivity in the arts from an STS perspective.
- Research methodologies in art and design.

With the objective of generating a space to foster the connection between a creative local scene and international research, different knowledge sharing formats will coexist during the session, including a pecha-kucha and a round-table with a basis in specific questions of common interest, which it is hoped will stimulate the generation of forums for knowledge exchange of greater proximity, and the possible generation of networks for future work.

Web: <http://symposium.uoc.edu/go/art-disseny>

Contact: [art.disseny.barcelona@gmail.com](mailto:art.disseny.barcelona@gmail.com)

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## Speakers

Bani Brusadin, Fernando Domínguez Rubio, Michael Guggenheim, Katrina Jungnickel, Débora Lanzeni, Irene Lapuente, Joana Moll, Liliانا Ovalle, Enric Senabre Hidalgo, Susanna Tesconi, Nina Wakeford and Alex Wilkie, among others.

## *Hangar's open Thursday special edition featuring the resident and researching projects*

**Thursday 1st September from 18:00 to 20:00**

**Location: Hangar Visual Arts Center, Emilia Coranty 16, 08018 Barcelona: <https://hangar.org/en/>**

## Participants:

BeAnotherLAB, Befaco, Hamaca, Ilaro, DIYBio, LAB Interactius, HAPLAB

## Featuring HAPLAB: Horror and Possibility Sci-Fi Workshop

*Sophia Brueckner (University of Michigan)*

**(Linked to Track 114 but taking place at the Hangar)**

Reading science fiction is like ethics class for inventors, engineers, and designers. For decades, science fiction authors have explored both our wildest dreams and greatest fears for where technology might lead us. Science fiction looks at current technological and social trends and extrapolates them into the future. It speculates on the consequences of these trends, both good and bad, if they continue unchecked. During this workshop, participants will use J. G. Ballard's "Answers to a Questionnaire", a story made up of only answers and with the questions omitted, as a jumping-off point to write one-sentence science fiction stories. Avoiding both blind optimism for technology as well as its polar opposite of overly Luddite thinking and cynicism, this constrained exercise will encourage the formulation of imaginative and whimsical ideas for new technologies with an attitude of critical optimism...hopeful yet careful.

## *Demo Night: an evening of platforms, prototypes, and multi-media experiments in action*

**Convenor: Anita Say Chan ([asaychan@gmail.com](mailto:asaychan@gmail.com))**

**Saturday September 3, 19:00 to 21:00**

**Location: Hangar Visual Arts Center, Emilia Coranty 16, 08018 Barcelona: <https://hangar.org/en/>**

Extending the 2016 Conference theme of science and technology "by Other Means", the evening will feature an open demo hour of multi-media and interactive projects by participants of the 4S/EASST 2016 conference and local artists and activists of Hangar's artistic and research community, who adopt diverse alternative formats to explore and experiment with science, technology and the arts.

## Invited participants:

*Daniel Miracle: <http://www.neokinok.tv/>*

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*Sergio Salgado (de x-net): <https://xnet-x.net/sergio-salgado/>*

*Sophia Brueckner <http://www.sophiabruckner.com/>*

*maxigas: <https://anargeek.net/es.html>*

*Nadya Peek: <http://infosyncratic.nl/>*

*Mario Santamaria: <http://www.mariosantamaria.net/>*

*Pechblenda: <http://www.diybcn.org/> <http://hackteria.org/wiki/BIO-reSEARCH> <https://network23.org/pechblendalab/>*

*DiY Bio Barcelona: <http://www.diybcn.org/>*

*Patricio Rivera: <http://www.patriciorivera.com>*

*Ali Yerdel: <http://airlabs.es/>*

*BeAnotherLab: <http://beanotherlab.org/>*

*Diego Paonesa: <http://diegopaonesa.net/>*



# Guidelines for Presenters, Discussants and Convenors

## ***Basic format of all paper sessions***

Each session normally includes five papers and lasts about one and a half hours. Depending on the number of papers, each presenter will have 15-20 minutes. In addition there will be 15-20 minutes of shared discussion.

Computer projectors/ beamers will be available for Power-Point presentations. Please bring your presentation on a USB memory device.

## ***Hints for Session Convenors***

This note is intended to provide you with guidance on managing the session for which you are responsible, but inevitably you will have to show some degree of flexibility. In essence your role will be to introduce the presenter and allocated discussants; control the length of time that they speak for and manage any questions from the floor.

We believe that it is important to establish some ground rules that everybody understands and works towards during the conference:

- a. Please arrive in the room where the session is to take place at least five minutes before the appointed time. If using PowerPoint the presenters have been asked to upload their presentation on the PC before the start of the session to save time. Solicit advice at the info desk or through student assistants if experiencing trouble.
  - b. Introduce yourself to the presenters. Ask them for biographical details to use in introducing them. Make sure that their presentation has been uploaded. Inform them of the maximum time they will have to present their paper. For example, in a one and a half hour session with five papers, each presenter should have 15 minutes each. It is important that participants are given the chance to ask additional questions from the floor.
  - c. For each paper introduce the author and title of the paper.
  - d. A series of cards to help the presenter or discussants to manage the time will be available to you in each workshop room. The first card you pass indicates that the presenter or discussant has a maximum of five minutes left. The second card indicates that there are two minutes left. The third and final RED card indicates that their time is over and the presenter or discussant must STOP. In issuing the red card you must be polite but firm. It is to be fair to other presenters or discussants in the session and to the audience who will wish to contribute in the discussion time.
  - e. In managing the questions and answers part of each session please ask those asking questions to identify themselves and to keep their comments as short as possible to allow time for the presenters to respond in full. You may decide how to organize this
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element of the session, i.e. after each paper or after all the papers have been presented.

- f. Please ensure that the session finishes on time. With the number of papers to be presented this is going to be a busy event. Sessions that over run have implications for other sessions or events later in the day.

Finally, thank you for chairing and helping to make the conference as successful as we hope it will be.

### ***Hints for Paper Presenters***

Each participant will only be allowed to present one paper during the conference. Co-authored papers may be presented by any of the participating coauthors.

With a conference of this size we ask you to remember some basic rules when making your presentation. In order that everyone has sufficient time to speak it is important that you exercise

- a. discipline, particularly time management. These notes are intended to inform you of how each session will be organized.
  - b. Please arrive at the appropriate room five minutes before the session is due to start. All rooms are equipped with blackout facilities and a projector for Power Point presentations. Please note that if choosing Power-Point you must arrive with your presentation on a USB memory device and load it yourself onto the machine provided in the room BEFORE the start of the session. It might be a good idea to do so well in advance as not all versions of Power-Point function equally well on all projectors. Solicit advice at the info desk or through Conference Volunteers if experiencing trouble.
  - c. Introduce yourself to the other presenters and the chair. Give the chair your biographical details for use in introducing you. Ideally to assist the chair these should be in writing. The chair will tell you at the beginning of the session how long your presentation can last. This will inevitably vary between sessions depending on the number of papers to be presented. In a one and a half hour session with five papers you should aim to speak for no more than 15 minutes leaving time for your discussants and for the floor.
  - d. We have asked session chairs to be very strict in terms of time management so that each presenter has an equal amount of time.
  - e. During your presentation the session chair will pass you three cards indicating that your time allocation is coming to an end: Five minutes presentation time remaining; Two minutes presentation time remaining; and if you are shown the RED card this means your time is over. Finish your sentence and STOP your presentation. Chairs have been asked to be polite but firm in allocating time.
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## Conference Program Overview

Wednesday		Thursday	Friday	Saturday
8:30-9:00	<b>[Off Conference]</b> <b>Post-Graduate Workshop</b> <b>from 8:30 to 15:00pm.</b> Hangar Visual Arts Center, Emilia Coranty 16  <b>Art and Design by other means: research, methods and practices.</b>  <b>from 10am to 14pm.</b> Museu del Disseny de Barcelona, Pl. de les Glòries Catalanes 37-38	Registration	Registration + meetings	Registration + meetings
9:00-10:30		Sessions	Sessions	Sessions
10:30 - 11:00		Coffee break	Coffee break	Coffee break
11:00 - 12:30		Sessions	Sessions	Sessions
12:30 - 14:00		Bag Lunch (+Lunch activities, panels, presentations, and meetings) Check the program!	Bag Lunch (+Lunch activities, panels, presentations, and meetings) Check the program! <b>EASST General Meeting</b>	Bag Lunch (+Lunch activities, panels, presentations, and meetings) Check the program! <b>4s General Meeting</b>
14:00 - 15:30	<b>Registration (15:00-19:00)</b>	Sessions	Sessions	Sessions
15:30 - 16:00		Break	Break	Break
16:00 - 17:30	<b>Welcome and Open Dialogue Session : A Critical</b>	Sessions	Sessions	Sessions

	<b>Conversation about Science, Technology, Innovation and Social Progress</b> Room: 011			
17:30 - 18:00		Coffee break	Coffee break	Coffee break
18:00 - 19:30	<b>Keynote Plenary 1: To what extent is embodied knowledge a form of science and technology by other means?</b> Room: 011	<b>Subplenaries: Collectives</b> Room: 113 <b>Spaces</b> Room: 115 <b>Futures</b> Room: 114 <b>Remembering David Hakken</b>	<b>Keynote Plenary 2: Catastrophes and promises of science and technology by other means.</b> Room: 113-114-115	<b>Presidential Plenary</b> Room: 113-114-115
20:00 -	<b>Welcome cocktail</b> Room: Banquet	From 19:30 to 20:30 Room: VIP [Off Conference] <b>Hangar's open thursday special edition featuring the resident and researching projects.</b> from 19:30 to 21:00 Hangar Visual Arts Center, Emilia Coranty 16.	<b>STS Verbena</b> from 20:00 to 1:00 Poble Espanyol, Av. Francesc Ferrer i Guardia, 13, 08038 Barcelona	[Off Conference] <b>Demo Night: an evening of platforms, prototypes, and multi-media experiments in action.</b> from 19:00 to 21:00 Hangar Visual Arts Center, Emilia Coranty 16,

## Wednesday

08:30		Post-Graduate Workshop. See Detail for location.
10:00		Art and Design by other means: research, methods and practices. See detail for location
16:00	011	Welcome by the EASST President, 4S President and the Local Committee
16:30	011	Open Dialogue Session : A Critical Conversation about Science, Technology, Innovation and Social Progress
18:00	011	Keynote Plenary 1: To what extent is embodied knowledge a form of science and technology by other means?
20:00	Bnqt	Welcome cocktail

## Thursday

09:00	212	T005.1 Turning Things into Assets
09:00	116	T006.1 Infrastructures in practice and in flux
09:00	118	T009.1 Future Knowing, Future Making. What Anticipation does to STS.
09:00	120	T020.1 Governing Excellent Science
09:00	121	T023.1 Science Is Politics by Other Means Revisited
09:00	112a	T026.1 Human rights restitution "in the making": on expertise and devices for denunciation and reparation of politically motivated collective violence
09:00	122	T027.1 Data-driven cities? Digital urbanism and its proxies
09:00	117b	T029.1 Coordination mechanisms in new constellations of responsibility in science and technology
09:00	115	T032.1 Science Communication
09:00	123	T033.1 Who is in, who is out? Exploring collectives in health research
09:00	112b	T035.1 ICT and STS knowledge diffusion: actor's (publishers, authors, editors) strategies, critics and trends
09:00	114	T036.1 Social Studies of Politics: Making Collectives By All Possible Means
09:00	124	T041.1 Biosocial futures: from interaction to entanglement in the postgenomic age
09:00	125	T057.1 Non-conforming bodies: an exploration of public health knowledge, practice and technologies beyond 'the body'
09:00	127	T059.1 Making Worlds: Feminist STS and everyday technoscience
09:00	113	T061.1 Open science in practice
09:00	111	T064.1 Valuation practices at the margins

09:00	M211	T065.1 The Experimental Organization: Becoming by Doing
09:00	128	T071.1 Innovation: Discourses, politics, societies, and blind spots
09:00	129	T072.1 Sensory Studies in STS and Their Methods
09:00	130	T073.1 Epistemic Regimes - Reconfiguring epistemic quality and the reconstitution of epistemic authority
09:00	VIP	T086.1 Rethinking innovation and governance
09:00	119	T087.1 What is a Problem? Problematic Ecologies, Methodologies and Ontologies in Techno-science and Beyond.
09:00	131	T088.1 Policy and Care (or Care-Full Policy): exploring practices, collectives and spaces
09:00	M212	T091.1 Exploring the role of materials in practices and sustainability
09:00	132	T093.1 Infrastructures of nuclearity: Exploring entangled histories, spaces and futures
09:00	133	T095.1 Sport, Technoscience, Medicine and Performance
09:00	134	T102.1 Everyday analytics: The politics and practices of self-monitoring
09:00	M215	T135.1 Envisioning a Feminist Approach to Science and Technology Policy
09:00	M213	T150.1 Extending conceptualizations and technologies of knowledge translation in health care
09:00	M214	T156.1 Doing Social Robots by Other Means
09:00	117a	T164.1 The Potential Futures of Data Science: A Roundtable Intervention
11:00	212	T005.2 Turning Things into Assets
11:00	116	T006.2 Infrastructures in practice and in flux
11:00	119	T011.1 Digital fabrications amongst hackers, makers and manufacturers: whose 'industrial revolution'?
11:00	120	T020.2 Governing Excellent Science
11:00	117a	T021.1 Bioinformation management in data driven medicine
11:00	121	T023.2 Science Is Politics by Other Means Revisited
11:00	112a	T026.2 Human rights restitution "in the making": on expertise and devices for denunciation and reparation of politically motivated collective violence
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11:00	118	T037.1 STS and Artistic Research

11:00	124	T041.2 Biosocial futures: from interaction to entanglement in the postgenomic age
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11:00	113	T061.2 Open science in practice
11:00	111	T064.2 Valuation practices at the margins
11:00	M211	T065.2 The Experimental Organization: Becoming by Doing
11:00	112b	T069.1 Manufacturing Humans While Developing Social Robots, Smart Environments & Wearables
11:00	128	T071.2 Innovation: Discourses, politics, societies, and blind spots
11:00	129	T072.2 Sensory Studies in STS and Their Methods
11:00	130	T073.2 Epistemic Regimes - Reconfiguring epistemic quality and the reconstitution of epistemic authority
11:00	M215	T077.1 Local knowledge in a changing climate: the experimental politics of coproduction
11:00	VIP	T086.2 Rethinking innovation and governance
11:00	131	T088.2 Policy and Care (or Care-Full Policy): exploring practices, collectives and spaces
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11:00	133	T095.2 Sport, Technoscience, Medicine and Performance
11:00	134	T102.2 Everyday analytics: The politics and practices of self-monitoring
11:00	M213	T125.1 Technologies at the Frontiers of Death
11:00	M214	T149.1 Heritage in Biology, Biology as Heritage
12:30	113	E001.1 Ethnografilm Barcelona
12:30	111	T184.1 "#democraciarealya: Hacktivism and Networked Techno-politics in Spain
12:30	118	M004.1 Demonstrations and Mattering Press: Discussing Recent Changes in the STS Publishing Landscape
12:30	114	M009.1 National STS networks meeting
12:30	123	M010.1 Making Sense of our 4S Experiences: An hour for Connecting and Reflecting Together
12:30	120	M011.1 Public Event: The present and future of the EASST Review
12:30	115	P003.1 The Handbook of Science, Technology and Society, 4th Edition: Where We've Been; Where We're Going
12:30	VIP	T082.1 Cabinet of Political Fictions) SIMULACRUM©: prototyping the city of tomorrow
14:00	122	T002.1 The Lives and Deaths of Data

14:00	212	T005.3 Turning Things into Assets
14:00	116	T006.3 Infrastructures in practice and in flux
14:00	M211	T008.1 Smart eco-cities: experimenting with new urban futures
14:00	119	T011.2 Digital fabrications amongst hackers, makers and manufacturers: whose 'industrial revolution'?
14:00	120	T020.3 Governing Excellent Science
14:00	121	T023.3 Science Is Politics by Other Means Revisited
14:00	129	T027.3 Data-driven cities? Digital urbanism and its proxies
14:00	M212	T031.1 Topographies of clinical translation: charting novel sociotechnical landscapes within and around biomedical research.
14:00	115	T032.3 Science Communication
14:00	118	T037.2 STS and Artistic Research
14:00	124	T041.3 Biosocial futures: from interaction to entanglement in the postgenomic age
14:00	123	T056.1 Socio-technical Futures Shaping the Present - Empirical Examples and Analytical Challenges in STS and Technology Assessment
14:00	125	T057.3 Non-conforming bodies: an exploration of public health knowledge, practice and technologies beyond 'the body'
14:00	127	T059.3 Making Worlds: Feminist STS and everyday technoscience
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14:00	130	T073.3 Epistemic Regimes - Reconfiguring epistemic quality and the reconstitution of epistemic authority
14:00	M215	T077.2 Local knowledge in a changing climate: the experimental politics of coproduction
14:00	133	T080.1 Hegemonies in Policy and Research Translation. Exploring Passages between Social Needs, Scientific Output, and Technologies
14:00	VIP	T086.3 Rethinking innovation and governance
14:00	114	T087.2 What is a Problem? Problematic Ecologies, Methodologies and Ontologies in Technoscience and Beyond
14:00	131	T088.3 Policy and Care (or Care-Full Policy): exploring practices, collectives and spaces
14:00	132	T093.3 Infrastructures of nuclearity: Exploring entangled histories, spaces and futures
14:00	117b	T101.1 Smart [Bits and Atoms] Health Technologies and their Social Worlds
14:00	134	T102.3 Everyday analytics: The politics and practices of self-monitoring

14:00	M214	T110.1 What does it mean to be Human in the 21st Century?
14:00	112b	T133.1 Tackling climate change by other means: opening up geoengineering governance
14:00	112a	T139.1 Eating for Life: When Food is the Best Medicine
14:00	117a	T153.1 Hermeneutics: 'let Nature and Material Things speak' with Don Ihde
16:00	114	T001.1 Materializing governance by information infrastructure
16:00	122	T002.2 The Lives and Deaths of Data
16:00	212	T005.4 Turning Things into Assets
16:00	116	T006.4 Infrastructures in practice and in flux
16:00	119	T009.2 Future Knowing, Future Making. What Anticipation does to STS.
16:00	121	T012.1 The Event of the Public: Convolutions of Aesthetic and Epistemic Practice
16:00	M214	T013.1 STS-CAM: Science and technology studies on complementary and alternative medicine
16:00	117a	T016.1 Technoscience and Transformation of the State
16:00	120	T020.4 Governing Excellent Science
16:00	115	T032.4 Science Communication
16:00	VIP	T036.3 Social Studies of Politics: Making Collectives By All Possible Means
16:00	118	T037.3 STS and Artistic Research
16:00	125	T045.1 New Collective Practices of Measurement, Monitoring and Evidence
16:00	123	T056.2 Socio-technical Futures Shaping the Present - Empirical Examples and Analytical Challenges in STS and Technology Assessment
16:00	127	T059.4 Making Worlds: Feminist STS and everyday technoscience
16:00	113	T061.4 Open science in practice
16:00	129	T062.1 Care Innovation and New Modes of Citizenship
16:00	111	T064.4 Valuation practices at the margins
16:00	128	T071.4 Innovation: Discourses, politics, societies, and blind spots
16:00	124	T073.4 Epistemic Regimes - Reconfiguring epistemic quality and the reconstitution of epistemic authority
16:00	131	T079.1 Framing of emerging technologies as a strategic device
16:00	133	T080.2 Hegemonies in Policy and Research Translation. Exploring Passages between Social Needs, Scientific Output, and Technologies
16:00	132	T093.4 Infrastructures of nuclearity: Exploring entangled histories, spaces and futures
16:00	117b	T101.2 Smart [Bits and Atoms] Health Technologies and their Social Worlds

16:00	134	T102.4 Everyday analytics: The politics and practices of self-monitoring
16:00	M211	T110.2 What does it mean to be Human in the 21st Century?
16:00	M215	T116.1 Counting By Other Means
16:00	112a	T126.1 Science and Technology in the Middle East: Life Sciences and Environments
16:00	130	T132.1 Beyond the single-site study: the Biography of Artefacts and Practices
16:00	112b	T133.2 Tackling climate change by other means: opening up geoengineering governance
16:00	M213	T140.1 Pharmaceuticals out of Bounds
19:30	VIP	A001.1 Remembering David Hakken
18:00	113	SUB01 Subplenary "Collectives"
18:00	115	SUB02 Subplenary "Spaces"
18:00	114	SUB03 Subplenary "Futures"
19:30	VIP	A001.1 Remembering David Hakken

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## Friday

09:00	114	T001.2 Materializing governance by information infrastructure
09:00	118	T003.1 Mundane Market Matters: On the ordinary stuff (and actions and sometimes people) that make markets
09:00	212	T005.5 Turning Things into Assets
09:00	M215	T008.2 Smart eco-cities: experimenting with new urban futures
09:00	119	T009.3 Future Knowing, Future Making. What Anticipation does to STS.
09:00	121	T012.2 The Event of the Public: Convolutions of Aesthetic and Epistemic Practice
09:00	122	T013.2 STS-CAM: Science and technology studies on complementary and alternative medicine
09:00	116	T017.1 STS for pharmaceuticals and public health policy
09:00	117a	T024.1 Nuclear futures - how to govern nuclear waste?
09:00	120	T028.1 Futures in the making and re-making
09:00	124	T030.2 STS and Climate Change: Perspectives on/from the Global South
09:00	113	T031.2 Topographies of clinical translation: charting novel sociotechnical landscapes within and around biomedical research.
09:00	115	T032.5 Science Communication
09:00	VIP	T036.4 Social Studies of Politics: Making Collectives By All Possible Means
09:00	125	T045.2 New Collective Practices of Measurement, Monitoring and Evidence
09:00	132	T049.1 STS and normativity: analyzing and enacting values
09:00	133	T051.1 Feminist Postcolonial STS
09:00	123	T056.3 Socio-technical Futures Shaping the Present - Empirical Examples and Analytical Challenges in STS and Technology Assessment
09:00	127	T059.5 Making Worlds: Feminist STS and everyday technoscience
09:00	129	T062.2 Care Innovation and New Modes of Citizenship
09:00	111	T064.5 Valuation practices at the margins
09:00	128	T071.5 Innovation: Discourses, politics, societies, and blind spots
09:00	131	T079.2 Framing of emerging technologies as a strategic device
09:00	M213	T092.1 Transition to Sustainable Food Systems: Integrative Perspectives on Production and Consumption
09:00	134	T102.5 Everyday analytics: The politics and practices of self-monitoring
09:00	M214	T110.3 What does it mean to be Human in the 21st Century?
09:00	117b	T112.1 The Experimental Life of Plants: Botanical Being in Scientific Practice and Beyond
09:00	M211	T116.2 Counting By Other Means
09:00	130	T132.2 Beyond the single-site study: the Biography of Artefacts and Practices

09:00	112a	T148.1 STS Underground: Ignorance and Invisibility in the Worlds of Mining and Underground Extraction
09:00	112b	T163.1 Improving gender balance from below
09:00	M212	T168.1 (Techno)science by other means of communality and identity configuration
09:30	Hall	T070.1 Sensing, Walking and Embodiment With and By Technologies: A Track Away From The Desk
11:00	114	T001.3 Materializing governance by information infrastructure
11:00	118	T003.2 Mundane Market Matters: On the ordinary stuff (and actions and sometimes people) that make markets
11:00	121	T012.3 The Event of the Public: Convolutions of Aesthetic and Epistemic Practice
11:00	116	T017.2 STS for pharmaceuticals and public health policy
11:00	120	T028.2 Futures in the making and re-making
11:00	VIP	T036.5 Social Studies of Politics: Making Collectives By All Possible Means
11:00	112b	T040.1 Cybersecurity & digital territory: Nation, Identity, and Citizenship
11:00	125	T045.3 New Collective Practices of Measurement, Monitoring and Evidence
11:00	119	T048.1 Back to the future: STS and the (lost) security research agenda
11:00	132	T049.2 STS and normativity: analyzing and enacting values
11:00	123	T050.1 Conceptualizing transformational change in energy systems and the built environment
11:00	133	T051.2 Feminist Postcolonial STS
11:00	134	T058.1 Biorisk Intelligence otherwise: Scenarios, Visual Knowledge and new Mechanisms of Surveillance
11:00	127	T059.6 Making Worlds: Feminist STS and everyday technoscience
11:00	129	T062.3 Care Innovation and New Modes of Citizenship
11:00	111	T064.6 Valuation practices at the margins
11:00	212	T066.1 Infrastructures of Evil: Participation, Collaboration, Maintenance
11:00	131	T079.3 Framing of emerging technologies as a strategic device
11:00	M215	T081.1 Science and Technology for Social Justice
11:00	115	T083.1 Doing theory by other means: how does architectural production challenge STS and ANT
11:00	113	T087.3 What is a Problem? Problematic Ecologies, Methodologies and Ontologies in Techno-science and Beyond
11:00	M213	T092.2 Transition to Sustainable Food Systems: Integrative Perspectives on Production and Consumption
11:00	128	T099.1 New frontiers in social gerontechnology - Exploring Challenges at the Intersection of STS and Ageing Studies

11:00	117a	T104.1 Enhancement Cultures and Future Bodies
11:00	122	T111.1 Body, Science and Expertise
11:00	117b	T112.2 The Experimental Life of Plants: Botanical Being in Scientific Practice and Beyond
11:00	130	T132.3 Beyond the single-site study: the Biography of Artefacts and Practices
11:00	124	T137.1 From person to population and back: exploring accountability in public health
11:00	M212	T138.1 Targeted Biomanagement: Ethics, Politics, and Unruly REmimes of Calculation
11:00	112a	T148.2 STS Underground: Ignorance and Invisibility in the Worlds of Mining and Underground Extraction
11:00	M214	T157.1 Disentangling ecologies: working around 'the system'
11:00	M211	T173.1 Gene Editing in Context: Challenges and Emerging Practices
12:30	113	E001.2 Ethnografilm Barcelona
12:30	124	L013.1 Spanish Book presentation: Potsphenomenology and technoscience
12:30	127	T185.1 Thinking with ethnography
12:30	111	M001.1 EASST Meeting
12:30	120	M003.1 Editorial board meeting New Genetics and Society
12:30	121	M005.1 Meeting of the Science as Culture Advisory Panel
12:30	122	M006.1 6S professional development lunch: Defining STS Careers Across Borders: How and Why to Navigate an International STS Career
12:30	*	M007.1 Editorial board meeting Social Studies of Science
12:30	123	M010.2 Making Sense of our 4S Experiences: An hour for Connecting and Reflecting Together
12:30	129	P001.1 Presentación del Libro: "Postfenomenología y Tecnociencia: Conferencias en la Universidad de Pekín"
12:30	119	P002.1 Book launch event: Urban Cosmopolitics
12:30	118	T070.2 Sensing, Walking and Embodiment With and By Technologies: A Track Away From The Desk
12:30	VIP	T174.1 Interactive Round Table: Does STS Have Problems?
14:00	131	P004.1 Rachel Carson Prize 2016: Author Meets Critics
14:00	114	T001.4 Materializing governance by information infrastructure
14:00	113	T002.3 The Lives and Deaths of Data
14:00	118	T003.3 Mundane Market Matters: On the ordinary stuff (and actions and sometimes people) that make markets
14:00	121	T007.1 Before/after/beyond breakdown: exploring regimes of maintenance
14:00	116	T017.3 STS for pharmaceuticals and public health policy
14:00	112b	T022.1 Refugee technologies and mobility into Europe

14:00	120	T028.3 Futures in the making and re-making
14:00	125	T045.4 New Collective Practices of Measurement, Monitoring and Evidence
14:00	122	T047.1 The field and the farm in the production of biomedical knowledge
14:00	119	T048.2 Back to the future: STS and the (lost) security research agenda
14:00	132	T049.3 STS and normativity: analyzing and enacting values
14:00	123	T050.2 Conceptualizing transformational change in energy systems and the built environment
14:00	133	T051.3 Feminist Postcolonial STS
14:00	134	T058.2 Biorisk Intelligence otherwise: Scenarios, Visual Knowledge and new Mechanisms of Surveillance
14:00	117a	T063.1 Monitoring Circulation
14:00	111	T064.7 Valuation practices at the margins
14:00	212	T066.2 Infrastructures of Evil: Participation, Collaboration, Maintenance
14:00	M215	T081.2 Science and Technology for Social Justice
14:00	115	T083.2 Doing theory by other means: how does architectural production challenge STS and ANT
14:00	117b	T090.1 Indicator Politics: Quantification measures and practices of decision-making
14:00	VIP	T094.1 Emerging science and technology : questioning the regime of promising
14:00	128	T099.2 New frontiers in social gerontechnology - Exploring Challenges at the Intersection of STS and Ageing Studies
14:00	127	T100.1 Feminist Technoscience Studies in Unexpected Places: (Intra)Activism and Social Justice
14:00	112a	T108.1 Urban STS and Post-Socialist Cities
14:00	M211	T111.2 Body, Science and Expertise
14:00	130	T127.1 Cloud Computing: New Social and Political Spaces
14:00	124	T137.2 From person to population and back: exploring accountability in public health
14:00	M212	T144.1 Ecologies of participation: Thinking systemically about science and technology by other means
14:00	M214	T159.1 Political Objects. Prescriptions, Injustices and Promises of Material Agents
16:00	114	T001.5 Materializing governance by information infrastructure
16:00	113	T002.4 The Lives and Deaths of Data
16:00	118	T004.1 STS and Planning: Research and practice intervening in a material world
16:00	121	T007.2 Before/after/beyond breakdown: exploring regimes of maintenance

16:00	119	T009.4 Future Knowing, Future Making. What Anticipation does to STS.
16:00	116	T017.4 STS for pharmaceuticals and public health policy
16:00	112b	T022.2 Refugee technologies and mobility into Europe
16:00	120	T028.4 Futures in the making and re-making
16:00	124	T038.1 Antagonists, Servants, Companions: the Sciences, Technologies and Politics of Microbial Entanglements
16:00	125	T045.5 New Collective Practices of Measurement, Monitoring and Evidence
16:00	122	T047.2 The field and the farm in the production of biomedical knowledge
16:00	123	T050.3 Conceptualizing transformational change in energy systems and the built environment
16:00	133	T051.4 Feminist Postcolonial STS
16:00	212	T066.3 Infrastructures of Evil: Participation, Collaboration, Maintenance
16:00	129	T076.1 Enacting responsibility: RRI and the re-ordering of science-society relations in practice
16:00	115	T083.3 Doing theory by other means: how does architectural production challenge STS and ANT
16:00	132	T084.1 Technologies of Criminalization: On the convergence of forensic and surveillance technologies
16:00	117b	T090.2 Indicator Politics: Quantification measures and practices of decision-making
16:00	VIP	T094.2 Emerging science and technology : questioning the regime of promising
16:00	M215	T097.1 Engaged STS for inclusive development: exploring concepts, practices, networks, and policies towards inclusive and sustainable futures
16:00	128	T099.3 New frontiers in social gerontechnology - Exploring Challenges at the Intersection of STS and Ageing Studies
16:00	127	T100.2 Feminist Technoscience Studies in Unexpected Places: (Intra)Activism and Social Justice
16:00	112a	T108.2 Urban STS and Post-Socialist Cities
16:00	134	T111.3 Body, Science and Expertise
16:00	130	T114.1 Innovation, Economic Driver, Disruption: Utopias and Critiques of Making and Hacking
16:00	131	T115.1 Remaking the biosocial by other means
16:00	117a	T118.1 Weakening and strengthening forensic science in Europe
16:00	111	T121.1 New Topologies of Scientific Practice
16:00	M212	T124.1 Energy Beyond Crisis: Energetic Bodies, Ecologies, and Economies
16:00	M213	T143.1 Governance of Agricultural Biotechnologies

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F R I D A Y

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16:00	M214	T147.1 Engaging decoloniality and decolonization in science and technology studies
16:00	M211	T162.1 Infrastructural Futures : Speculation, Crisis, and Media Technologies
18:00	113-115	PLEN03 Keynote plenary 2: "Catastrophes and promises of science and technology by other means"

\* = Hotel Barcelona Princess

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## Saturday

09:00	113	T002.5 The Lives and Deaths of Data
09:00	118	T004.2 STS and Planning: Research and practice intervening in a material world
09:00	117a	T010.1 Stakeholder engagement in smart city (re-)development
09:00	119	T014.1 Considering the performativity of our own research practices
09:00	M214	T018.1 Markets versus commons? What relationships? What roles for STS?
09:00	111	T037.4 STS and Artistic Research
09:00	124	T038.2 Antagonists, Servants, Companions: the Sciences, Technologies and Politics of Microbial Entanglements
09:00	M213	T046.1 New Technologies, social practices and social conflict - sustainable energy transitions as a field of contention
09:00	123	T050.4 Conceptualizing transformational change in energy systems and the built environment
09:00	117b	T060.1 Biodiversity by other (all?) means: a theatre for post-natural futures
09:00	112a	T067.1 Biobanks. The interdependence between forms of biovalue creation and donor participation
09:00	120	T074.1 Cosmopolitical Research and STS
09:00	129	T076.2 Enacting responsibility: RRI and the re-ordering of science-society relations in practice
09:00	121	T078.1 Contested energy futures and temporalities in retrospective: instruments and practices of forecasting and scenario work
09:00	122	T085.1 Infrastructures, subjects, politics
09:00	125	T089.1 Bio-subjects
09:00	VIP	T094.3 Emerging science and technology : questioning the regime of promising
09:00	M215	T097.2 Engaged STS for inclusive development: exploring concepts, practices, networks, and policies towards inclusive and sustainable futures
09:00	128	T099.4 New frontiers in social gerontechnology - Exploring Challenges at the Intersection of STS and Ageing Studies
09:00	127	T100.3 Feminist Technoscience Studies in Unexpected Places: (Intra)Activism and Social Justice
09:00	132	T106.1 Citizen science: beyond the laboratory
09:00	116	T113.1 Critical data studies
09:00	130	T114.2 Innovation, Economic Driver, Disruption: Utopias and

		Critiques of Making and Hacking
09:00	131	T115.2 Remaking the biosocial by other means
09:00	115	T122.1 Elements Thinking
09:00	M212	T124.2 Energy Beyond Crisis: Energetic Bodies, Ecologies, and Economies
09:00	114	T131.1 Science has always been technoscience
09:00	133	T152.1 Environments of care: understanding and shaping care by other means
09:00	112b	T154.1 Remaking News: Technology and the Futures of Journalism Scholarship
09:00	M211	T167.1 The Medium is the Medicine: Media Histories of Health and Healthcare
09:00	134	T177.1 Economies of Life in Biomedicine
11:00	118	T004.3 STS and Planning: Research and practice intervening in a material world
11:00	119	T014.2 Considering the performativity of our own research practices
11:00	134	T019.1 Science and Technology through Critical Art Practice
11:00	111	T037.5 STS and Artistic Research
11:00	M212	T043.1 Unravelling craft, technology and practical knowledge
11:00	M213	T046.2 New Technologies, social practices and social conflict - sustainable energy transitions as a field of contention
11:00	120	T049.4 STS and normativity: analyzing and enacting values
11:00	113	T054.1 Digital subjectivities in the global context: new technologies of the self
11:00	131	T068.1 Biomedical sharing economies
11:00	129	T076.3 Enacting responsibility: RRI and the re-ordering of science-society relations in practice
11:00	121	T078.2 Contested energy futures and temporalities in retrospective: instruments and practices of forecasting and scenario work
11:00	122	T085.2 Infrastructures, subjects, politics
11:00	125	T089.2 Bio-subjects
11:00	VIP	T094.4 Emerging science and technology : questioning the regime of promising
11:00	124	T096.1 Emerging biotechnologies in psychiatry and clinical psychology
11:00	M215	T097.3 Engaged STS for inclusive development: exploring concepts, practices, networks, and policies towards inclusive and sustainable futures
11:00	133	T098.1 Energy Experiments

11:00	127	T100.4 Feminist Technoscience Studies in Unexpected Places: (Intra)Activism and Social Justice
11:00	132	T106.2 Citizen science: beyond the laboratory
11:00	123	T107.1 Maker Movement, FabLabs, Hackerspace and improvisation: Science, Technology and Education by other means?
11:00	116	T113.2 Critical data studies
11:00	130	T114.3 Innovation, Economic Driver, Disruption: Utopias and Critiques of Making and Hacking
11:00	115	T122.2 Elements Thinking
11:00	114	T155.1 Islands on the Cutting Edge: Test sites for reimagining future technoscience
11:00	128	T158.1 Soft Focus: How Software Reshaped Technical Vision and Practice
11:00	M214	T170.1 Thinking and Acting with Open and DIT Science and Technology: From Participatory Sensing to Biohacking Experiments
12:30	113	E001.3 Ethnografilm Barcelona
12:30	113	M002.1 4S Meeting
12:30	122	M006.2 6S Business Meeting
14:00	114	P005.1 Authors meets critics Session: 2016 Fleck Prize Winner
14:00	118	T004.4 STS and Planning: Research and practice intervening in a material world
14:00	119	T014.3 Considering the performativity of our own research practices
14:00	134	T019.2 Science and Technology through Critical Art Practice
14:00	121	T025.1 Imaginaries and Materialities of Accountability: Exploring practices, collectives and spaces
14:00	125	T034.1 Revisiting bio-objects and bio-objectification: Categories, materialities and processes central to the (re)configuration of "life".
14:00	115	T036.6 Social Studies of Politics: Making Collectives By All Possible Means
14:00	111	T037.6 STS and Artistic Research
14:00	M212	T043.2 Unravelling craft, technology and practical knowledge
14:00	117a	T044.1 By Other means: On Complementary or Alternative Medicines (CAM)
14:00	113	T054.2 Digital subjectivities in the global context: new technologies of the self
14:00	117b	T075.1 Contributions of Gilbert Simondon to Science and Technology Studies
14:00	129	T076.4 Enacting responsibility: RRI and the re-ordering of science-society relations in practice
14:00	120	T084.2 Technologies of Criminalization: On the convergence of

		forensic and surveillance technologies
14:00	122	T085.3 Infrastructures, subjects, politics
14:00	212	T087.3 What is a Problem? Problematic Ecologies, Methodologies and Ontologies in Techno-science and Beyond
14:00	VIP	T094.5 Emerging science and technology : questioning the regime of promising
14:00	133	T098.2 Energy Experiments
14:00	127	T100.5 Feminist Technoscience Studies in Unexpected Places: (Intra)Activism and Social Justice
14:00	131	T105.1 Wild research: Radical openings in technoscientific practice?
14:00	132	T106.3 Citizen science: beyond the laboratory
14:00	123	T107.2 Maker Movement, FabLabs, Hackerspace and improvisation: Science, Technology and Education by other means?
14:00	116	T113.3 Critical data studies
14:00	130	T114.4 Innovation, Economic Driver, Disruption: Utopias and Critiques of Making and Hacking
14:00	112b	T123.1 Re-configuring Knowledge Practices: Folding Margins and Norms into Dynamic Hybridity
14:00	128	T145.1 Postphenomenological Research: Technologies, Robots, and Human Identity
14:00	M213	T161.1 The Best Way to Control Toxic Actants: Litigation or Regulation?
14:00	M214	T170.2 Thinking and Acting with Open and DIT Science and Technology: From Participatory Sensing to Biohacking Experiments
14:00	M215	T175.1 Situated Meanings of 'Good' Care and Science 'Worth Doing'
16:00	118	T004.5 STS and Planning: Research and practice intervening in a material world
16:00	119	T014.4 Considering the performativity of our own research practices
16:00	M212	T015.1 Urban Climate Experiments: A Para-Site
16:00	134	T019.3 Science and Technology through Critical Art Practice
16:00	121	T025.2 Imaginaries and Materialities of Accountability: Exploring practices, collectives and spaces
16:00	125	T034.2 Revisiting bio-objects and bio-objectification: Categories, materialities and processes central to the (re)configuration of "life".
16:00	115	T036.7 Social Studies of Politics: Making Collectives By All Possible Means
16:00	111	T037.7 STS and Artistic Research
16:00	117a	T044.2 By Other means: On Complementary or Alternative Medicines (CAM)
16:00	113	T054.3 Digital subjectivities in the global context: new technologies

		of the self
16:00	129	T076.5 Enacting responsibility: RRI and the re-ordering of science-society relations in practice
16:00	120	T084.3 Technologies of Criminalization: On the convergence of forensic and surveillance technologies
16:00	122	T085.4 Infrastructures, subjects, politics
16:00	VIP	T094.6 Emerging science and technology : questioning the regime of promising
16:00	133	T098.3 Energy Experiments
16:00	127	T100.6 Feminist Technoscience Studies in Unexpected Places: (Intra)Activism and Social Justice
16:00	114	T103.1 Stoking the Anthropocene?
16:00	123	T107.3 Maker Movement, FabLabs, Hackerspace and improvisation: Science, Technology and Education by other means?
16:00	131	T109.1 Emerging forms of "life" in STS
16:00	116	T113.4 Critical data studies
16:00	130	T114.5 Innovation, Economic Driver, Disruption: Utopias and Critiques of Making and Hacking
16:00	132	T119.1 Queer STS?: A Roundtable Discussion on Theory, Method, and Institutionalization
16:00	124	T120.1 Case Studies for Responsible Innovation: Lessons from Fukushima
16:00	128	T145.2 Postphenomenological Research: Technologies, Robots, and Human Identity
16:00	M213	T161.2 The Best Way to Control Toxic Actants: Litigation or Regulation?
16:00	M215	T166.1 Biotechnology, Personal Identity, and Boundaries Across the Globe
16:00	112b	T178.1 Designing alternative Futures: Planning, Expertise, Policy
18:00	113-115	PLEN04 Presidential Awards Plenary

## Plenaries

### *Welcome by the EASST President, 4S President and the Local Committee.*

**Wednesday 31st, 16:00-16:30; Room: 011**

**Fred Steward, Lucy Suchman & Miquel Domènech**

### **PLEN01. Open Dialogue Session: A Critical Conversation about Science, Technology, Innovation and Social Progress**

**Convenors: Prof Andy Stirling (University of Sussex); Prof Johan Schot (University of Sussex); Prof Ulrike Felt (University of Vienna); Prof Eden Medina (Indiana University); Dr Saurabh Arora (University of Sussex)**

**Chair: Fred Steward**

**Wed 31st Aug, 16:00; Room: 011**

A large group of Science, Technology Studies scholars is making a significant contribution to the report *Rethinking Society for the 21st Century* produced by the International Panel on Social Progress (IPSP; see <http://www.ip-socialprogress.org/>). The Panel seeks to answer the question whether we can hope for a better society in the context of a very challenging context of a series of system crises, growing inequality and climate change.

To answer this question the IPSP has mobilised hundreds of social scientists (including economists) to provide answer and to deliver a report. It will have 22 chapters and address major issues, among other things Social Justice, Inequality, Cities, Jobs, Markets, Finance, Corporations, Democracy, Sexuality, Violence, Wars, Peace and Security, Multiple Directions of Social Progress. In the final chapter the report will discuss contributions of social sciences to policy and institutional change.

The Panel claims that it has no partisan political agenda, but aims at restoring hope in social progress and stimulating intellectual and public debates. This open panel session will contribute to that debate and the development of the report itself. Drafts may be available for comments before the conference. We hope and anticipate many STS scholars will engage with the report and the debate. The contested nature of progress has, of course, been a foundational theme of our field.

The session itself will be organized as a critical conversation. After a presentation of the main rationale behind the report and the STS contribution the panel will introduce three samples of the emerging themes. Subsequently the panellists will be open to challenge and engagement with conference participants through a moderated dialogue.

### **PLEN02. Keynote 1: To what extent is embodied knowledge a form of science and technology by other means?**

**Speakers: Dr Michelle Murphy (University of Toronto); Dr Madeleine Akrich (Mines-ParisTech)**

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**Chair: Dr Israel Rodríguez (Universitat Oberta de Catalunya)**

**Wed 31st Aug, 18:00; Room: 011**

This plenary session will inquire on the practices of concerned and affected groups and their embodied technoscientific politics. For this, we will have two presentations by Madeleine Akrich (Mines ParisTech) and Michelle Murphy (University of Toronto), whose empirical work has monographically been revolving around different collectives trying to politicise their experience in order to produce different forms of embodied knowledge. Following them, we seek to open up a discussion to focus on the particularities of these forms of embodied knowledge production, validation, and circulation and to what extent they might entail a science and technology by other means.

### **PLEN03. Keynote 2: Catastrophes and promises of science and technology by other means**

**Speaker: Prof Isabelle Stengers (Université Libre de Bruxelles), Martin Savransky (Goldsmiths, University of London), Dimitris Papadopoulos (University of Leicester), Lucy Suchman (Lancaster University, UK)**

**Chair: Dr Daniel Lopez Gomez (Universitat Oberta de Catalunya)**

**Fri 2nd Sept, 18:00; Room: 115 -114 -113**

The second plenary will put together a keynote dialogue with Isabelle Stengers (Université Libre de Bruxelles) around “Catastrophes and promises of science and technology by other means”. Grounding on her philosophical work on the transformations of the ecologies of practices of contemporary forms of knowledge production and the roles of user groups, she would engage in a dialogue with the reporters/translators from the three subplenaries taking place in Thursday 1st.

### **PLEN04. Presidential Awards Plenary**

**Chairs: Prof Lucy Suchman (Lancaster University, UK); Prof Fred Steward (University of Westminster)**

**Sat 3rd Sept, 18:00; Room: 113 114 115**

The Presidential Awards Plenary is an opportunity for our two societies to recognize those colleagues who have made significant contributions to the field of STS. As the number of our joint awards is large, we have worked to develop a format for the plenary that is both celebratory and substantive, and that invites the recipients not only to enjoy the community’s recognition of their own outstanding work, but also to engage with each other in conversation. This event will also provide us with an opportunity to express our gratitude to those whose labours have brought this conference into being.

**4S Fleck Prize** (outstanding book in STS) recipient Banu Subramamiam, *Ghost Stories for Darwin: The Science of Variation and the Politics of Diversity*, University of Illinois Press, 2014.

**EASST Amsterdamska Award** recipients Eden Medina, Ivan da Costa Marques, Christina Holmes (eds.) *Beyond Imported Magic: Essays on Science, Technology, and Society in Latin America*, MIT Press, 2014.

**4S Infrastructure Award** recipient The Netherlands Graduate School of Science, Technology, and Modern Culture, Sally Wyatt, Academic Director.

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**EASST Freeman Award** recipients Sampsa Hyysalo, Torben Elgaard Jensen, Nelly Oudshoorn (eds). *The New Production of Users: Changing Innovation Collectives and Involvement Strategies*, Routledge, 2016.

**4S Edge Prize** (outstanding article in STS) recipient Kristoffer Whitney 'Domesticating nature? Surveillance and conservation of migratory shorebirds in the "Atlantic Flyway"'. *Studies in History and Philosophy of Biological and Biomedical Sciences* 45: 78–87, 2014.

**4S Bernal Prize** Distinguished Contribution to the Field recipient Michael Lynch, in conversation with Lucy Suchman.

**4S Carson Prize** (outstanding book of social or political relevance in STS) recipient Gabrielle Hecht *Being Nuclear: Africans and the Global Uranium Trade*, MIT Press, 2012.

**4S Mullins Prize** (outstanding piece of scholarship by a graduate student in the field of STS) recipient Monamie Bhadra 'Nation-Building Civic Epistemologies in India through Nuclear Politics'.

**4S Mentoring Award** recipient Arie Rip, Professor of Philosophy of Science and Technology in the School of Management and Governance of the University of Twente, and the Centre for Studies of Science, Technology and Society.

**EASST Ziman Award** recipient *The Leiden Manifesto -declaration, website and international network* Diana Hicks (Georgia Institute of Technology), Paul Wouters, Ludo Waltman, Sarah de Rijcke (CWTS, Leiden) & Ismael Rafols (Ingenio, Valencia).

## Subplenaries

There are three 'subplenaries' dynamics that will take place simultaneously on **Thursday 1st from 18:00 to 19:30**.

### SUB01. Collectives

**Speakers:** Antonio Centeno (activist of the Spanish independent-living movement), Celia Roberts (Lancaster University), Raquel (Lucas) Platero (CSIC and LGTB activist), Isaac Marrero Guillamón (Goldsmiths, University of London)

**Convenors:** Dr Carmen Romero Bachiller (Universidad Complutense, Madrid); Dr Tomás Criado (TU München)

*Reporter: Martin Savransky (Goldsmiths, University of London)*

**Thu 1st Sept, 18:00; Room: 113**

This sub-plenary explores the work in, with, and alongside collectives as a form of STS by other means. By juxtaposing academic researchers with researchers from collectives, this session will address its meanings and effects beyond non-conflictual collaborative relations, since building relations reveals to be full with tensions, ambivalences, and misreadings as well as joy, creativity, and collective learning practices.

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## SUB02. Spaces

**Speakers:** Ann H Kelly (King's College), Christopher M. Kelty (UCLA), Joanna Latimer (University of York)

**Convenors:** Dr Nerea Calvillo (University of Warwick); Dr Daniel Lopez Gomez (Universitat Oberta de Catalunya)

**Chair:** Dr Nerea Calvillo (University of Warwick); Dr Francisco Tirado (Universitat Autònoma de Barcelona)

*Reporter:* Dimitris Papadopoulos (University of Leicester)

**Thu 1st Sept, 18:00; Room: 115**

This sub-plenary explores how doing STS by other means has displaced research out of the laboratory into other types of spaces. There will be a conversation between three researchers involved in three different environments: digital, outdoors, and intimate, to share and discuss how their practices are intertwined and depend on the physical, social, political and cultural conditions of those spaces.

## SUB03. Futures

**Speakers:** Ismael Rafols (CSIC-UPV), Ruth Müller (MCTS), David Pontille (CSI), Philippe Mongeon (UdeM), Anne-Sophie Godfroy (Sorbonne University)

**Convenors:** Dr Miquel Domenech (Universitat Autònoma de Barcelona); Dr Vincenzo Pavone (Consejo Superior de Investigaciones Científicas)

**Chair:** Vincenzo Pavone (IPP-CSIC, Madrid), Miquel Domenech (Universitat Autònoma de Barcelona)

*Reporter:* Lucy Suchman (Lancaster University, UK)

**Thu 1st Sept, 18:00; Room: 114**

This sub-plenary aims to discuss on the effects of the neoliberal model on the future of science and technology. We want to set a discussion on its consequences on labour conditions, evaluation practices, its relation to the world of business, politics and the wider civil society.

# Exhibitions

## E001. Ethnografilm Barcelona

**Convenors:** Dr Wesley Shrum (Louisiana State University)

**Room: 114**

**Thu 1st Sept, 12:30**

**Fri 2nd Sept, 12:30**

**Sat 3rd Sept, 12:30**

Ethnografilm Barcelona will consist of a single session of short films from the Ethnografilm festival held in Paris in April 2015.

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## Meetings and Gatherings

### A001. Remembering David Hakken

**Convenors:** Prof Lucy Suchman (Lancaster University, UK)

**Thu 1st Sept, 19:30; Room: VIP**

In May of this year, Professor David Hakken, a vibrant and longtime member of the 4S community, died at his home from cancer. Along with his lifelong partner and collaborator Barbara Andrews, David contributed in a myriad of ways to research and teaching at the intersection of STS and informatics. This gathering will afford an opportunity for those of us who knew David to share memories of him as a valued colleague and as a friend – please join us with your stories.

### M001. EASST Meeting

**Convenors:** Prof Harro van Lente (Maastricht University); Prof Estrid Sørensen (Ruhr-Universität Bochum); Prof Fred Steward (University of Westminster)

**Fri 2nd Sept, 12:30; Room: 111**

EASST members' meeting with brief reports from the President, Secretary and Treasurer. Members' opportunity to find out what EASST has been doing and contribute to our future strategy and activities. All members encouraged to attend.

### M002. 4S Business Meeting

**Convenors:** Prof Lucy Suchman (Pres), Dr Steve Zehr (Secretary)

**Sat 3rd Sept, 12:30; Room: 113**

This is the annual Business Meeting of the Society for Social Studies of Science. All 4S members are invited to participate.

### M003. Editorial Board Meeting: New Genetics and Society

**Convenors:** Prof Adam Hedgecoe (Cardiff University); Dr Richard Tutton (Lancaster University)

**Fri 2nd Sept, 12:30; Room: 120**

### M004. Demonstrations and Mattering Press: Discussing Recent Changes in the STS Publishing Landscape

**Convenors:** Dr Laurie Waller (Technische Universität München)

**Thu 1st Sept, 12:30; Room: 118**

### M005. Meeting of the Science as Culture Advisory Panel

**Convenors:** Dr Les Levidow (Open University)

**Chair:** Les Levidow and Kean Birch

**Fri 2nd Sept, 12:30; Room: 121**

(for members only)

### M006.1. 6S professional development lunch: Defining STS Careers Across Borders: How and Why to Navigate an International STS Career

**Convenors:** Mrs Erika Szymanski (University of Edinburgh)

**Fri 2nd Sept, 12:30; Room: 122**

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STS is a uniquely international field. How can junior scholars take advantage of this as they build their careers? What are the opportunities and challenges of pursuing postdoctoral work or permanent positions outside of your home country? Even if you plan to do your training and take a job in your home country, how can you take advantage of STS's international scope through visiting positions, collaborations, and other opportunities? In this professional development session, organized by the Student Section of the Society for the Social Studies of Science (6S), we invite junior scholars to think about and discuss their options with an international group of senior scholars who will offer insights from their own experiences of crossing borders and boundaries in pursuit of their own careers. Our goal is to facilitate an active conversation about how to form a professional identity that crosses national boundaries while also considering the practicalities of early career decisions. This is not a lecture! Bring your questions, thoughts, concerns, and experiences around forging an STS career.

## **M006.2. 6S business meeting**

**Convenors:** Mrs Erika Szymanski (University of Edinburgh)

**Sat 3rd Sept, 12:30; Room: 122**

The Student Section of 4S (6S) welcomes all post-graduate students and early career scholars to an informal business meeting to discuss shared interests, concerns, goals, and plans for the upcoming year. All students and early career scholars are welcome, whether members of 4S or not.

## **M007. Editorial board meeting: Social Studies of Science**

**Fri 2nd Sept, 12:30; Hotel Barcelona Princess**

## **M009. National STS networks meeting**

**Convenors:** Dr Pablo Santoro (Universidad Complutense de Madrid); Mr Arthur Arruda Leal Ferreira (Universidade Federal do Rio de Janeiro)

**Chair:** Pablo Santoro; Arthur Arruda Leal Ferreira

**Thu 1st Sept, 12:30; Room: 113**

An informal meeting in which national STS networks and associations (and especially those recently founded) can share experiences and start a dialogue

## **M010.1. Making Sense of our 4S Experiences: An hour for Connecting and Reflecting Together**

**Convenors:** Mx Elizabeth Simpson (University of Illinois Urbana Champaign); Dr Peter Taylor (University of Massachusetts Boston)

**Chair:** Peter Taylor

*Discussant:* Elizabeth Simpson

**Thu 1st Sept, 12:30; Room: 123**

New England Workshop on Science & Social Change invites 4S/EASST participants to join one or both of its hours for "Connecting & Reflecting Together." The processes will be explained in the sessions. 1st session will address: "How have I come to be someone who would attend 4S/EASST at this time?"

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## **M010.2. Making Sense of our 4S Experiences: An hour for Connecting and Reflecting Together**

**Convenors:** Dr Peter Taylor (University of Massachusetts Boston); Mx Elizabeth Simpson (University of Illinois Urbana Champaign)

**Chair:** Elizabeth Simpson

*Discussant:* Peter Taylor

**Fri 2nd Sept, 12:30; Room: 123**

New England Workshop on Science & Social Change invites 4S/EASST participants to join 2nd "Connecting & Reflecting Together" hour to address: "What would support me to move in new directions as a result of connections being made at 4S/EASST?" The processes will be explained in the session.

## **M011. Public Event: The present and future of the EASST Review**

**Convenors:** Dr Josefine Raasch (Ruhr-Universität Bochum); Dr Andrey Kuznetsov (Tomsk State University; Volgograd State University); Dr Tomás Criado (TU München); Prof Ignacio Farias (TU München); Dr Vicky Singleton (Lancaster University); Dr Niki Vermeulen (University of Edinburgh)

**Thu 1st Sept, 12:30; Room: 120**

A public event with the EASST Review Editorial Board: Ignacio Fariás, Vicky Singleton, Tomás S. Criado, Andrey Kuznetsov, Josefine Raasch and Niki Vermeulen

# **Book Presentations**

## **P001. Presentación del Libro: "Postfenomenología y Tecnociencia: Conferencias en la Universidad de Pekín"**

**Convenors:** Ms Eurídice Cabañes (ARSGAMES)

**Fri 2nd Sept, 12:30; Room: 129**

Presentación del libro "Postfenomenología y tecnociencia: Conferencias en la Universidad de Pekín" en su versión en español traducida por Eurídice Cabañes y David García Olivares y publicada por SELLO ARSGAMES. En la presentación del libro estarán presentes el autor del libro (Don Ihde) y una de las traductoras (Eurídice Cabañes), de modo que tras la presentación se podrán transmitir dudas a cerca del mismo o tener un debate con el propio autor.

## **P002. Book launch event: Urban Cosmopolitics: Agencements, Assemblies, Atmospheres**

**Convenors:** Prof Ignacio Farias (TU München); Dr Anders Blok (University of Copenhagen)

**Fri 2nd Sept, 12:30; Room: 119**

In this recently published volume, STS scholars, human geographers, anthropologists and others together explore how the notion of 'cosmopolitics' may open up cities as privileged sites for studying the contested composition of common socio-technical world of cohabitation.

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### **P003. The Handbook of Science and Technology Studies, 4th Edition: Where We've Been; Where We're Going**

**Convenors: Dr Kelly Moore (Loyola University Chicago)**

**Thu 1st Sept, 12:30; Room: 115**

This panel introduces the 4th Edition of The Handbook of Science and Technology Studies. Editors discuss the themes that shaped the volume, and select authors share their perspectives on the important accomplishments of STS to date and the next frontiers for STS researchers.

#### **Editors**

*Prof Ulrike Felt (University of Vienna)*

*Prof Laurel Smith-Doerr (University of Massachusetts)*

#### **Authors**

*Prof Ignacio Farias (TU München)*

*Prof Maja Horst (University of Copenhagen)*

*Dr Javier Lezaun (Oxford University)*

*Dr Logan Williams (Michigan State University)*

*Prof Brian Rappert (University of Exeter)*

### **P004. Rachel Carson Prize 2016: Author Meets Critics**

**Convenors: Dr Claire Waterton (Lancaster University)**

**Fri 2nd Sept, 14:00; Room: 131**

This Author Meets Critics Session honours the winner of this year's 4S Rachel Carson Book Prize – the historian and STS scholar Gabrielle Hecht. Four STS scholars will examine and discuss Hecht's prize-winning monograph, 'Being Nuclear: Africans and the Global Uranium Trade' (2012 MIT Press).

The Carson prize is awarded each year for a book-length work of social or political relevance in science and technology studies. Gabrielle Hecht's monograph was judged to stand out from a total of 67 eligible titles for its outstanding empirical and theoretical scholarship combined with profound political messages for nuclear and non-nuclear states across the globe. The book contains strong political messages about the status Hecht terms *nuclearity*. This status - 'being nuclear' - needs greater recognition, Hecht argues, not only for nuclear security but also for environmental and political security. On reading this work, the Carson Prize Committee recognised that the scope of Hecht's intellectual canvass is vast. What is particularly inspiring about this work is that she has folded into her research so many fascinating and important issues for contemporary STS, including: nuclear ontologies; markets; colonialism; marginality and invisibility; governmental and non-governmental politics; labour, bodies and work; injustices and inequalities; and the price of change. In this session, our three 'critics' will open up these and other issues in dialogue with Gabrielle Hecht.

#### **Participants**

*Sulfikar Amir (Nanyang Technological University, Singapore)*

*Vannessa Agard-Jones (Columbia University, USA)*

*Andrew Barry (University College London, UK)*

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## P005. Author Meets Critics Session: 2015 Fleck Prize Winner

**Convenors:** Prof Jenny Reardon (UC Santa Cruz)

**Sat 3rd Sept, 14:00; Room: 114**

Banu Subramaniam, *Ghost Stories for Darwin: The Science of Variation and the Politics of Diversity* (University of Illinois Press, 2014)

In this panel, we will discuss the winner of the 2016 Ludwik Fleck Prize, *Ghost Stories for Darwin: The Science of Variation and the Politics of Diversity* (University of Illinois Press). The Fleck prize is named after microbiologist Ludwik Fleck (1896-1961), author of *The Genesis and Development of a Scientific Fact*. Each year it honors the best book in the area of science and technology studies.

As 'science and technology studies' is an interdisciplinary field, so the range of eligible books is very broad. It includes, but is not limited to, the disciplines of sociology, anthropology, history, philosophy, political science, economics, education, geography, and psychology as well as works combining or outside of the traditional academic disciplines. It includes studies of knowledge, policy, government, R&D, the uses of expertise, feminist and gender studies, technological controversies, technology transfer, rhetorical and literary analyses, and studies of specific technologies. Further, it includes works addressing science and technology for the public and for educational audiences. The main criterion is that the substantive content of the work be framed by a social science or humanities perspective of science and/or technology.

### Participants

*Dr Banu Subramaniam (UMass Amherst)*

*Dr Evelyn Hammonds (Harvard University)*

*Dr Stefan Helmreich (Massachusetts Institute of Technology)*

## Tracks

### T001. Materializing governance by information infrastructure

**Convenors:** Dr Francesca Musiani (CNRS); Dr Annalisa Pelizza (University of Twente); Dr Stefania Milan (University of Amsterdam)

Governance by technology", "governance by design", "politics of technology", "de-facto governance": this panel investigates similar conceptualizations as an attempt to frame the need to uncover regimes of inclusion/exclusion nested in technical details of information infrastructures.

#### T001.1.

**Thu 1st Sept, 16:00; 114**

**Algorhythmic governance: regulating the city heartbeat with sensing infrastructures**

*Dr Claudio Coletta (Maynooth University)*

**Big (meta) data and surveillance targeting practices post-Snowden**

*Dr Andrew Clement (University of Toronto)*

**Protocol practice and materiality: TLS and the organization of trust**

*Dr Paul Gebelein (Humboldt Institute for Internet and Society)*

**'Find, Fix, Finish': Big Data Analytics, Targeting and the Politics of Databases**

*Prof Jutta Weber (University Paderborn)*

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## **T001.2.**

**Fri 2nd Sept, 09:00; 114**

**Masses, Crowds, Communities, Movements. Collective Action and its sociotechnical Foundations in the Internet Age**

*Prof Ulrich Dolata (University of Stuttgart)*

**Rethinking privacy: alternative networks as a resistance to online surveillance**

*Mrs Anne-Sophie Letellier (Université du Québec à Montréal)*

**Ownership by Other Means: The Infrastructure of Open Source Software**

*Dr Tomas Karger (Tomas Bata University in Zlin)*

**"The Wisdom of Bots:" An ethnographic study of the delegation of governance work to information infrastructures in Wikipedia**

*Dr Stuart Geiger (UC-Berkeley)*

**Online Tools in Conflict and Governance of Voluntary Communities - A Case from Syria**

*Dr Ammar Halabi (University of Fribourg); Prof Basile Zimmermann (University of Geneva)*

## **T001.3.**

**Fri 2nd Sept, 11:00; 114**

**Regulating (un)solicited communications in the European Union - Spam versus cookies**

*Miss Elinor Carmi (Goldsmiths, University of London.)*

**Governance capabilities in the food-energy-water nexus and the role of information technologies**

*Dr Timothy Karpouzoglou (Wageningen University); Dr Laura Pereira (Stellenbosch University); Dr Samir Dashi (USAID)*

**Materializing Regulation of Autonomous Driving**

*Mr Magnus Eriksson (Lund University)*

**Domesticating Standards: Environmental Policies and Dataspace Governance in China**

*Dr Matteo Tarantino (University of Geneva); Ms Valerie November (Ecole nationale des Ponts et Chaussées); Prof Basile Zimmermann (University of Geneva)*

**Digital infrastructure as a regulatory technology**

*Dr Wolfgang Kaltenbrunner (TU München)*

## **T001.4.**

**Fri 2nd Sept, 14:00; 114**

**Governing the Infrastructures of Global Mobiles Devices: Mobile Standards as Technoscientific Imaginary**

*Dr Toluwalogo Odumosu (University of Virginia)*

**Managed Mobility: The Transformation of Time in Name Data Networking**

*Ms Britt S. Paris (University of California Los Angeles)*

**Design by other means. The use of infrastructures in computing design and development practices.**

*Dr Alessandro Mongili (Università degli Studi di Padova)*

**Together apart. On the entanglement of intranet software in merger processes.**

*Ms Katja Schoenian (European University Viadrina, Frankfurt/Oder)*

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**Governance by technology in teams of transnationally distributed software development**

*Prof Ingo Schulz-Schaeffer (Technical University of Berlin); Mr Matthias Bottel (TU Berlin)*

**T001.5.**

***Fri 2nd Sept, 16:00; 114***

**Doing Governance in Figurations: Proposal of an analytical framework**

*Mr Markus Oermann (Hans-Bredow-Institute for Media Research); Prof Wolfgang Schulz (Hans-Bredow-Institute); Mr Tobias Mast (Hans-Bredow-Institut for Media Research)*

**Finnish elite culture in 1640-1910: approaches to digitalized mapping and theorizing of powerful actors in the Finnish public debate**

*Dr Seppo Poutanen (University of Turku); Prof Hannu Salmi (University of Turku)*

**Relocating Science and Technology. Traveling technologies and the conceptualization of global health infrastructures in Rwanda**

*Mr Norman Schräpel (University of Halle/Wittenberg)*

**Embedding rules and values in information technology infrastructure: A reflection**

*Dr Francesca Musiani (CNRS); Dr Annalisa Pelizza (University of Twente); Dr Stefania Milan (University of Amsterdam)*

**T002. The Lives and Deaths of Data**

**Convenors: Dr Sabina Leonelli (University of Exeter); Prof Brian Rappert (University of Exeter)**

This track investigates the relational constitution of data: how stages in the life of data articulate to one another and the challenges involved in storing, moving, classifying, manipulating and interpreting them.

**T002.1.**

***Thu 1st Sept, 14:00; 122***

**Journeys and Deaths of Scientific Data**

*Dr Sabina Leonelli (University of Exeter)*

**A new life abroad: the portability of racialized data.**

*Dr Andrew Smart (Bath Spa University); Dr Kate Weiner (University of Sheffield); Dr Catherine Will (University of Sussex)*

**Key Issues in Social Studies of Disclosure Control**

*Dr Andrew Turner (University of Bristol); Prof Madeleine Murtagh (University of Bristol); Prof Paul Burton (University of Bristol)*

**Creating Infrastructures: The Rise and Imaginary of Microfilm (1920-1950)**

*Dr Estelle Blaschke (University of Lausanne)*

**Data birth, transformation and use in complex systems sciences**

*Mr Fabrizio Li Vigni (Ecole des Hautes Etudes en Sciences Sociales)*

**T002.2**

***Thu 1st Sept, 16:00; 122***

**When are data? Reflections on the making (possible) of research data**

*Dr Jutta Haider (Lund University); Dr Sara Kjellberg (Lund University)*

**How not to get scooped**

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*Dr Goetz Hoeppe (University of Waterloo)*

**The Limits to Data Sharing in Low-resourced Research Environments**

*Prof Brian Rappert (University of Exeter); Dr Louise Bezuidenhout (University of Notre Dame)*

**The shaping of an e-research infrastructure: drawings as equipped data**

*Prof Dominique Vinck (Lausanne University); Mr Pierre-Nicolas Oberhauser (University of Lausanne)*

**Linkage, Exploration and Gatekeeping: The Role of Information Security In Biomedical Data Journeys**

*Dr Niccolo Tempini (University of Exeter); Dr Sabina Leonelli (University of Exeter)*

**T002.3**

***Fri 2nd Sept, 14:00; 113***

**Epistemic Data Cultures**

*Mr Clifford Tatum (Leiden University); Dr Alex Rushforth (Leiden University); Dr Sarah de Rijcke (Leiden University)*

**The role of samples in the "birth" of data**

*Mr Gregor Halfmann (University of Exeter)*

**Data and natural history: Do museums dream of digital insects?**

*Dr Tahani Nadim (Museum für Naturkunde Berlin)*

**Data friction and the power dynamics of meteorological data infrastructures**

*Dr Jo Bates (University of Sheffield); Ms Paula Goodale (University of Sheffield); Dr Yuwei Lin (University for the Creative Arts)*

**New energy data in the making: meaning, value and governance**

*Ms Mette Kragh-Furbo (Lancaster University); Prof Gordon Walker (Lancaster University)*

**T002.4**

***Fri 2nd Sept, 16:00; 113***

**Hidden Cooperative Specialization in a High Energy Physics experiment**

*Ms Emiko Adachi (RIKEN); Dr Yasunobu Ito (Japan Advanced Institute of Science and Technology (JAIST))*

**(Re)making data: A case study of the Data Documentation Initiative (DDI)**

*Ms Judit Gárdos (Hungarian Academy of Sciences); Prof Natasha Mauthner (University of Aberdeen)*

**Molecular Tumor Boards: data interpretation in the age of sequencing**

*Prof Alberto Cambrosio (McGill University); Dr Pascale Bourret (Aix-Marseille Université / SESSTIM); Dr Sylvain Besle (INSERM)*

**Spurious Categories: A study of data-model symbiosis in the Human Brain Project**

*Dr Christine Aicardi (King's College London); Ms Tara Mahfoud (King's College London)*

**Preconditions, Procedures and Potentials: Data in Post-Genomic Cancer Research**

*Dr Imme Petersen (University of Hamburg); Prof Regine Kollek (University of Hamburg)*

**T002.5**

***Sat 3rd Sept, 09:00; 113***

**The Life and Death of Big data in Education**

**Prof Assunta Viteritti (University Sapienza); Dr Orazio Giancola (Dipartimento di Scienze Sociali ed**

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*Economiche; Dep. of Social Sciences and Economics)*

**Data Analysis and the Perceived Value of Data**

*Dr Jessey Wright (University of Western Ontario)*

**Data Phantoms: The Uncanny Lives of Data Assets**

*Dr Mary Ebeling (Drexel University)*

**Beyond the deluge. Data and its invisible work.**

*Dr Jerome Denis (Mines ParisTech)*

**T003. Mundane Market Matters: On the ordinary stuff (and actions and sometimes people) that make markets**

**Convenors:** Dr Sveta Milyaeva (Goldsmiths, University of London); Dr Véra Ehrenstein (Goldsmiths College); Prof Daniel Neyland (Goldsmiths)

This session will explore the ordinary, taken for granted stuff that goes toward making markets. Abstracts are invited which explore mundane market matters through: methodologies; empirical studies; new theories; experiments; the challenges of drawing together distinct approaches to markets.

**T003.1**

**Fri 2nd Sept, 09:00; 118**

**The ordinary and profound in market-based interventions to solve public problems**

*Prof Daniel Neyland (Goldsmiths)*

**The 's' in markets**

*Mr Christian Frankel (CBS)*

**Eating versus Treating: U.S. FDA regulation of diet foods**

*Dr Xaq Frohlich (Korean Advanced Institute of Science and Technology (KAIST))*

**Contentious interfaces: exploring the junction between collective provision and individual consumption**

*Prof Elizabeth Shove (Lancaster University); Dr Alain Nadai (CNRS); Ms Magali PIERRE; Dr Catherine Grandclement (EDF R&D)*

**T003.2**

**Fri 2nd Sept, 11:00; 118**

**On the digitization of price tags: looking at the mundane fingers of the invisible hand (1922-2015)**

*Prof Franck Cochoy (University of Toulouse / CERTOP); Dr Johan Hagberg (University of Gothenburg); Dr Hans Kjellberg (Stockholm School of Economics)*

**Devising Wellbeing Markets: how wearables track, marketise and financialise movement**

*Dr Liz McFall (Open University); Mr David Moats (Linköping University)*

**"My Story Has No Strings Attached": Credit Cards, Market Devices, and a Stone Guest**

*Dr José Ossandón (Copenhagen Business School)*

**It's only a matter of time: automated queue management and the constitution of market in post-socialist mass services**

*Dr Zsuzsanna Vargha (University of Leicester)*

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### T003.3

**Fri 2nd Sept, 14:00; 118**

**Missing Matter: Rain and Risk in Micro Markets**

*Prof Marc Boeckler (Goethe-University Frankfurt)*

**Sensitive interventions? Germs, fridges, and forms in the regulation of global vaccine markets**

*Dr Véra Ehrenstein (Goldsmiths College)*

**The Skin of Commerce: Establishing the Ontonorms of Plastic Food Packaging**

*Prof Gay Hawkins (University of Western Sydney)*

**Potato Movements: market matters and the Greek crisis**

*Mr Andreas Streinzer (University of Vienna)*

## T004. STS and Planning: Research and practice intervening in a material world

**Convenors: Mr Marko Marskamp (Institute for Geography and Sustainability); Dr Jonathan Metzger (KTH Royal Institute of Technology); Dr Monika Kurath (ETH Zurich, Department of Architecture); Mr Julio Paulos (ETH Zurich)**

By way of paper contributions, the track brings together STS inspired research on planning issues that looks beyond the ready-made plan or the planned territory, and instead enquires into the socio-material and situated practices of planning as a technical and political project of city-making.

### T004.1

**Fri 2nd Sept, 16:00; 118**

**Practices and material arrangements in urban planning - a practice theoretical perspective**

*Prof Anders Buch (Aalborg University); Dr Anne Katrine Harders (Green Building Council Denmark)*

**The Sense of Snow: Visual disability enacted in urban space**

*Dr Helena Leino (University of Tampere)*

**Assessing the Noise: Urban Soundscapes and Livability in Singapore**

*Dr Sulfikar Amir (Nanyang Technological University)*

**Engineering in Action: The Transformation of Public Comment within a Technical Decision**

*Dr Graham Lucas (University of Newcastle Australia)*

**Voices for Nature: an STS approach to Planning Hearings on Off-shore Wind Farms**

*Prof Yvonne Rydin (University College London)*

### T004.2

**Sat 3rd Sept, 09:00; 118**

**BREEAM Communities: evaluating a new sustainability standard for master-planning**

*Mr Lewis Sullivan (UCL)*

**Neighbourhood Planning: inversions and reversions**

*Mr Andy Yuille (Lancaster)*

**Strategic, Tactical or Operational: Three Cultures in Zone Based Urban Planning**

*Dr Monika Kurath (ETH Zurich, Department of Architecture)*

**Marble and Portuguese rocks: spot-making practices in brazilian street skateboarding**

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*Dr Pedro Ferreira (Unicamp)*

**Planning ecologies: issue publics and the reassembling of urban green trajectories**

*Dr Anders Blok (University of Copenhagen)*

### **T004.3**

**Sat 3rd Sept, 11:00; 118**

**Planning resistance: exploring forces of resistance through everyday planning work.**

*Mr Pim Peters (Technische Universität München)*

**The Mathematization of Daylighting: architects' use of the daylight factor**

*Dr Alan Lewis (University of Manchester)*

**Following the Code: Studying the hybrid zones of land-use planning in Vancouver (BC)**

*Mr Marko Marskamp (Institute for Geography and Sustainability)*

**Urban planning and techno-science: Exploring knowledge asymmetries and future imaginaries--**

**The case of self-driving cars**

*Dr Rider Foley (University of Virginia); Mr Michael Bernstein; Dr John Harlow (Arizona State University); Dr Lauren Keeler (Arizona State University)*

*University); Dr Lauren Keeler (Arizona State University)*

**Postcolonial Planning: How Histories of Technology and Planning can help re-shape Postcolonial Science and Technology Studies**

*Dr Kavita Philip (University of California, Irvine)*

### **T004.4**

**Sat 3rd Sept, 14:00; 118**

**Assembling BRT: Planning controversies of the material and operational**

*Ms Malve Jacobsen (Goethe-Universität Frankfurt am Main)*

**Expert knowledge and lobbying tactics: the politics of participation in urban planning in Hackney Wick, London**

*Dr Isaac Marrero-Guillamon (Goldsmiths, University of London)*

**De-centring the planner: on fragmentations, expectations and demonstrations in urban politics**

*Mr Julio Paulos (ETH Zurich)*

**Urban design controversies: Unlocking representation and multiplying the possibilities of public spaces**

*Dr Brais Estévez-Villarino*

**After informality: policy experts and the urban technopolitics of rehousing interventions**

*Dr Marco Allegra (University of Lisbon); Dr Antonio Ascensao (University of Lisbon); Dr Roberto*

*Falanga (Institute of Social Sciences); Miss Ana Ferreira (ISCTE-IUL)*

### **T004.5**

**Sat 3rd Sept, 16:00; 118**

**Environmental assessment at work in translating sustainability into planning**

*Ms Shula Goulden (Ben Gurion University of the Negev)*

**Networks "on the RUN": networks of cities and retiology**

*Mr Luc Tripet (University of Neuchâtel)*

**Race, Water and Displacement in Phnom Penh, Cambodia**

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*Dr Erin Collins (American University)*

## **T005. Turning Things into Assets**

**Convenors: Prof Fabian Muniesa (Mines ParisTech); Prof Kean Birch (York University)**

An increasing number of STS scholars are engaging with assets as objects of inquiry. An asset is a thing that can be owned, traded and capitalized as a revenue stream, often involving the valuing of discounted future earnings in the present. One key question emerges: how do things become assets?

### **T005.1**

***Thu 1st Sept, 09:00; 212***

**Turning uncertain disasters into risks and assets : the case of catastrophe-bonds.**

*Dr Sara Angeli Aguiton (Ecole des Hautes Etudes en Sciences Sociales)*

**Recidivists, Rough Sleepers, and the Unemployed as Financial Assets: Social Impact Bonds and the Creation of New Markets in Social Services**

*Dr James Williams (York University)*

**Strata of ignorance in the securitization of natural catastrophes**

*Mr Emmanuel Kypraios (University of Lugano); Prof Dror Etzion (McGill University); Dr Bernard Forgues (emlyon business school)*

**Making Violence and Sex Consumable: Industry Microcosms, Corporate Flaneurs and Invisible Bodies at the Modern Expo**

*Miss Shimrit Lee (New York University); Ms Shelly Ronen (New York University)*

**Through competition to assetization: The entrepreneurial alignment of machines, samples, papers and researchers**

*Dr Marcela Linkova (Institute of Sociology of the Czech Academy of Sciences)*

### **T005.2**

***Thu 1st Sept, 11:00; 212***

**A theory of rentiership and rent-seeking for science and technology studies**

*Prof Kean Birch (York University)*

**From commodity to asset and back again. Property in the capitalism of varieties.**

*Dr Veit Braun (LMU Munich)*

**Turning Inventions into Assets: Double Immateriality and Speculation in Patents as Securities**

*Dr Hyo Yoon Kang (University of Kent)*

**Testing Asset Values: Financialization, Organization and the Emergence of Asset Impairment Rules**

*Dr Andrea Mennicken (London School of Economics and Political Science); Prof Yuval Millo (University of Leicester)*

**Is capital some sort of a semiotic syndrome and if so how and how come?**

*Prof Fabian Muniesa (Mines ParisTech)*

### **T005.3**

***Thu 1st Sept, 14:00; 212***

**English Higher Education: From a Public Good to an Impaired Asset**

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*Dr Sveta Milyaeva (Goldsmiths, University of London)*

**Assets by Legislation: Stranded Cost Securitization as a Politico-financial Technique**

*Mr Daniel Breslau (Virginia Tech)*

**Spanish High-Speed Rail: from infrastructure to markets and the contradictions of liberalization**

*Ms Natalia Buier (Max Planck Institute for Social Anthropology)*

**Cost benefit analysis - turning (hypothetical) assets into (material) things?**

*Dr David Hawkey (University of Edinburgh); Prof Janette Webb (University of Edinburgh)*

**Performance indicators to unfold the assetization of drinking water**

*Mr Laurent Beduneau-Wang (Interdisciplinary Institute on Management (i3), Management Research Center, Ecole Polytechnique, CNRS, Université Paris-Saclay)*

**T005.4**

**Thu 1st Sept, 16:00; 212**

**Investing in energy system flexibility - A risk or uncertainty?**

*Dr Ronan Bolton (University of Edinburgh)*

**Mineral deposits to money mines: capitalization and investment climate rankings**

*Dr Paul Gilbert (University of Brighton)*

**Turning sunlit rooftops and windy sites into energy assets**

*Dr Alain Nadai (CNRS); Dr Béatrice Cointe (Aix-Marseille University)*

**Making New Assets from Old: Future Cities**

*Prof Janette Webb (University of Edinburgh); Dr David Hawkey (University of Edinburgh)*

**Hungry Capital: Financial Actors & the Governance of Global Food Security**

*Ms Lise Cornilleau (LISIS / Sciences Po)*

**T005.5**

**Fri 2nd Sept, 09:00; 212**

**The Placenta Economy: From Trashed to Treasured Bio-Assets.**

*Dr Charlotte Kroløkke (University of Southern Denmark)*

**Cure as Asset? The Contradictions of Valuing a Therapeutic Breakthrough**

*Mr Victor Roy (University of Cambridge)*

**The Capitalisation of Electronic Patient Records in Data-Driven Economies: Overcoming Privacy Expectations**

*Dr Paraskevas Vezyridis (The University of Nottingham); Dr Stephen Timmons*

**Making Bio Economy Happen: on the commodification of bio-medical research**

*Dr Bernhard Wieser (AAU); Mr Luka Jakelja (Alpen-Adria-Universität Klagenfurt); Dr Michaela Mayrhofer (BBMRI-ERIC)*

**Datassets: assetizing and marketizing personal data**

*Dr Kevin Mellet (Orange Labs); Dr Thomas Beauvisage (Orange Labs)*

**T006. Infrastructures in practice and in flux**

**Convenors:** Prof Elizabeth Shove (Lancaster University); Dr Tim Schwanen (University of Oxford); Dr Matt Watson (University of Sheffield); Dr Nicola Spurling (Lancaster)

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This track builds on established STS traditions of infrastructural studies, but departs from them in emphasising infrastructures-in-use and in practice. We aim to explore dynamic relations between multiple infrastructures, appliances and resources at different spatial and temporal scales.

### T006.1

**Thu 1st Sept, 09:00; 116**

#### **Experiments with elemental infrastructures**

*Dr Derek McCormack (Oxford University)*

#### **Sociotechnical Infrastructure and Knowledge Production in Antarctica's U.S. Research Stations**

*Mr Luke Bohanon (UCLA)*

#### **'Pukka'/'kutcha': obduracy, infrastructure, and the Indian city**

*Mr Justin Pickard (University of Sussex)*

#### **What to rebuild? Updating and developing installed infrastructure**

*Dr Katherine Lovell (University of Sussex)*

#### **Infrastructures in use: fixity, flexibility and flux**

*Prof Elizabeth Shove (Lancaster University)*

### T006.2

**Thu 1st Sept, 11:00; 116**

#### **Infrastructures of the office: the socio-technical construction of workspace.**

*Dr Noel Cass (Lancaster University)*

#### **Bloody infrastructures!: Exploring the challenge of umbilical cord blood collection maintenance**

*Dr Ros Williams (University of Sheffield)*

#### **The Self-Extending Internet? Wireless Infrastructures and Systems of Practice**

*Dr Janine Morley (Lancaster University)*

#### **Infrastructures in flux: Plug-in Health Care**

*MSc Marcello Aspria (Institute of Health Policy and Management, Erasmus University Rotterdam)*

#### **Automobility in practice: road capacity, congestions and radio traffic reports**

*MSc Marith Dieker (Maastricht University)*

### T006.3

**Thu 1st Sept, 14:00; 116**

#### **Co-production of the Bicycle City: Infrastructure and Cycling in Copenhagen**

*Dr Martin Emanuel (Uppsala University)*

#### **Infrastructures and places within the city**

*Mr Torik Holmes (Lancaster University)*

#### **'Loungeification' and The Boredom of Infrastructure**

*Dr Damian O'Doherty (University of Manchester)*

#### **Infrastructure's allure**

*Dr Tim Schwanen (University of Oxford)*

### T006.4

**Thu 1st Sept, 16:00; 116**

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**The Peripheral Nerves of the Network of Power in Japan**

*Dr Hiroki Shin (Birkbeck College, University of London)*

**Parking Space as Interface: rethinking histories and futures of automobility**

*Dr Nicola Spurling (Lancaster)*

**Circulation in relation to infrastructure: Keeping things cool in Southeast Asia**

*Dr Jenny Rinkinen (Lancaster University); Dr Mattijs Smits (Wageningen University)*

**Material governmentalities of urban infrastructures: how matter matters for traffic regulations?**

*Dr Tauri Tuvikene (Tallinn University)*

**T007. Before/after/beyond breakdown: exploring regimes of maintenance**

**Convenors:** Dr Fernando Dominguez Rubio (UC San Diego); Mr David Pontille (CNRS); Dr Jerome Denis (Mines ParisTech)

**Chair:** J. Denis, F. Dominguez Rubio & D. Pontille

*Discussant:* Maria Puig De La Bellacasa (University of Leicester), Steven J. Jackson (Cornell University)

The aim of this panel is to explore the theme of “STS by other means” by focusing on different practices of maintenance and repair. In so doing, the panel aims to open a way to rethink how we investigate the material politics and vulnerability of different expert and mundane sociotechnical systems.

**T007.1**

**Fri 2nd Sept, 14:00; 121**

**Holding on and letting go - temporal regimes of infrastructure care work**

*Dr Marisa Cohn (IT University of Copenhagen / M-ITI)*

**A Matter of Dust. From Infrastructures to "Infra-thin" in Museum Maintenance**

*Dr Tiziana Beltrame (Université Paris Ouest Nanterre La Défense)*

**"Can you give its soul back?" Mobile Phone Repair Practices**

*Dr Nicolas Nova (HEAD – Genève)*

**"Objections": dissolving bonds in objectual ecologies**

*Dr Blanca Callén; Ms Laurence Rassel; Ms Soledad Gutiérrez Rodríguez; Ms Linda Valdes (Fundació Antoni Tàpies)*

**T007.2**

**Fri 2nd Sept, 16:00; 121**

**Infrastructures of preservation: continuity and maintenance for Media Arts**

*Dr Vanina Yael Hofman (Universitat Oberta de Catalunya); Dr Daniel Lopez Gomez (Universitat Oberta de Catalunya); Dr Pau Alsina (Open University of Catalonia)*

**Repairing Optimism in the Face of Routine "Failure"**

*Prof Christo Sims (University of California, San Diego)*

**Exploring the routine grounds of artworks' maintenance : an ethnomethodological perspective**

*Dr Yaël Kreplak (EHESS)*

**How contemporary legal and policy regimes contour infrastructures of repair**

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*Ms Lara Houston*

## **T008. Smart eco-cities: experimenting with new urban futures**

**Convenors:** Mr Matthijs Kouw (Maastricht University); Dr Andres Luque (Durham University); Dr Philipp Späth (Freiburg University); Prof Simon Marvin (University of Sheffield); Prof Rob Raven (Eindhoven University of Technology)

**Chair:** Rob Raven (Eindhoven University of Technology, 1), Simon Marvin (Univ. of Sheffield, 2)

Smart eco-cities' are increasingly part of urban discourse. Urban scholars highlight new risks and social and political implications and criticize its techno-optimism. We invite empirical and conceptual papers building upon perspectives in STS, socio-technical transition studies and urban studies.

### **T008.1**

**Thu 1st Sept, 14:00; M211**

**Smart City Construction: toward an analytical framework for smart city experimentation**

*Dr Frans Sengers (Utrecht University); Dr Philipp Späth (Freiburg University); Prof Rob Raven (Eindhoven University of Technology)*

**Tensions and contradictions behind the Smart City in Barcelona: from liberals (2011-2015) to New Municipalism (2015-)**

*Dr Hug March (Universitat Oberta de Catalunya)*

**From Sustainable to Smart Cities: Complementary or Contradictory Agendas?**

*Dr Andrew Karvonen (University of Manchester)*

**Smart and eco cities in China and India**

*Dr Johanna Hoeffken (Eindhoven University of Technology); Dr Agnes Kneitz (Renmin University)*

### **T008.2**

**Fri 2nd Sept, 09:00; M215**

**Environmental hacking in the smart eco-city: A road to empowerment?**

*Dr Sanneke Kloppenburg (Wageningen University); Dr Ingrid Boas (Wageningen University)*

**Emerging computational forms of knowing urban environments: Digital citizenship and municipal sensing**

*Prof Simon Marvin (University of Sheffield); Dr Andres Luque (Durham University)*

**Performativity of visions in assembling a climate-smart city district**

*Mr Darcy Parks (Linköping University, Sweden)*

**From Tidal Flats to a Smart City: Reassembling Songdo Using ANT Approach**

*Ms Chamee Yang (University of Illinois at Urbana-Champaign)*

## **T009. Future Knowing, Future Making. What Anticipation does to STS.**

**Convenors:** Dr Juan Francisco Salazar (Western Sydney University); Dr Celine Granjou (University of Grenoble-Alps (IRSTEA))

This track addresses the reconfiguration of techno-scientific agendas toward anticipatory goals and future-related expertise. It aims to account for the various assemblages of practices, infrastructures and imaginaries enabling experts and lay people to anticipate, foster and pre-empt the future.

### T009.1

**Thu 1st Sept, 09:00; 118**

**Construction of a "climate change problem" in forest modelling studies**

*Mr Antoine Dolez (IRSTEA)*

**Burning anticipation: wildfire, risk mitigation and simulation modelling in victoria, Australia**

*Dr Timothy Neale (Deakin University)*

**When space research meets composting. The future of Melissa.**

*Dr Celine Granjou (University of Grenoble-Alps (IRSTEA)); Dr Jeremy Walker (University of Technology Sydney)*

**Shaping the future through flood risk: EPS and the politics of anticipation**

*Dr Sebastien Nobert*

### T009.2

**Thu 1st Sept, 16:00; 119**

**City futures: Speculation, urban planning, and the anticipatory gaze**

*Dr Rachel Weber (University of Illinois at Chicago)*

**Making future sustainable cities - the importance of collectively held visions in guiding the work and avoiding conflicts**

*Miss Lina Ingeborgrud (Norwegian University of Science and Technology Studies (NTNU))*

**Embedding futures in public policy: why does foresight become institutionalized?**

*Mr Maxime Petit Jean (Université Catholique de Louvain); Prof Catherine Fallon (University of Liege); Prof Christian DE VISSCHER (Université catholique de Louvain); Dr Jean-Luc Guyot (IWEPS)*

**Evidence, Future, Accountability**

*Prof Richard Rottenburg (University of Halle)*

### T009.3

**Fri 2nd Sept, 09:00; 119**

**Back to the Present. Anticipating the unexpected via ICT?**

*Dr Antonia Langhof (Leibniz Universitaet Hannover)*

**Future Conceptualization and Practice: Scenarios, Uncertainty, and Preparedness**

*Dr Limor Samimian-Darash (Hebrew University)*

**Not if but when: calculating, imagining, and performing pandemic preparedness**

*Prof Meike Wolf (Goethe University Frankfurt)*

**Imagined futures: Anti-aging technology and the technoscientific mappings of the ethical ageless subject**

*Ms Kirsten Ellison (University of Calgary)*

### T009.4

**Fri 2nd Sept, 16:00; 119**

**Mapping uncertain, contested terrains for navigation - anticipation and interventions in design**

*Prof Ulrik Jørgensen (Aalborg University Cph)*

**Anticipating data artifacts for future archeologists: A collaborative intervention project**

*Prof Annette Markham (Aarhus University)*

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**Future Emerging Technologies: Shaping the future through futuring, visioning, and anticipating possible impacts of techno-scientific innovation**

*Dr Petra Schaper-Rinkel (Austrian Institute of Technology)*

**Contesting Futures Different from the Past. Futuring in History Classes**

*Dr Josefine Raasch (Ruhr-Universität Bochum)*

**Intervention by imagination - Towards an STS based futures approach**

*Dr Bruno Gransche (Fraunhofer Institute for Systems and Innovation Research ISI); Dr Philine Warnke (Fraunhofer Institute for Systems and Innovation Research ISI)*

**T010. Stakeholder engagement in smart city (re-)development**

**Convenors:** Dr Susan Winter (University of Maryland); Dr Tally Hatzakis (Open University)

**Sat 3rd Sept, 09:00; 117a**

We invite interdisciplinary insights, methods and best practices on citizen and informal social networks engagement on smart city (re-)development.

**Challenges in introducing IT in participatory urban planning**

*Prof Kari Kuutti (University of Oulu)*

**Co-design of smart city infrastructures - Towards an agenda**

*Mrs Claudia Mendes Bernhard (Technical University of Munich); Mag. Hannah Varga (TU Munich)*

**Between Smart surveillance and military urbanism: the case of Aerostatic Balloons in Santiago de Chile.**

*Dr Martin Tironi (Pontificia Universidad Católica de Chile); Mr Matías Valderrama (Pontificia Universidad Católica de Chile)*

**A taxonomy of Smart City participation**

*Dr Merel Noorman (Maastricht University); Dr Dorien Zandbergen (University of Amsterdam)*

**Smart Technologies, Smart Governance and Smart Cities: The Role of Community Involvement in Local Governance**

*Dr Ravi Shukla (Netvision Corporation, Gurgaon)*

**T011. Digital fabrications amongst hackers, makers and manufacturers: whose 'industrial revolution'?**

**Convenors:** Prof Adrian Smith (University of Sussex); Dr Johan Soderberg (Göteborg University); Dr Maxigas . (Universitat Oberta de Catalunya)

Digital design and fabrication tools (3D printers, etc.) are said to create agency, community and work. Yet they stem from numerical control machines, whose conflicted history deskilled workers and stole their livelihood. What does this contrast tell us about the promised future of “making”?

**T011.1**

**Thu 1st Sept, 11:00; 119**

**How Fab Labs materially realize their imaginary (or not)**

*Dr Cindy Kohtala (Aalto University School of Arts, Design and Architecture)*

**Openness and Closure in Distributed Innovation Processes**

*Mr Tobias Drewlani (Technische Universität München); Mr David Seibt (Technische Universität München)*

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**Does one size fit one?**

*Dr Ginger Coons (University of Toronto)*

**Makers of the World, UNITE!**

*Prof Christopher Csikszentmihalyi (M-ITI)*

**Sharing, makerspaces and the new industrial city**

*Dr Ramon Ribera - Fumaz (Fundació per a la Universitat Oberta de Catalunya)*

**T011.2**

**Thu 1st Sept, 14:00; 119**

**Fablabs : the institutionalization of "soft hacking" in third places**

*Dr Marc Barbier (INRA); Dr Evelyn Lhoste (INRA)*

**Institutionalizing Making. How Making is translated into organizational practice**

*Klara-Aylin Wenten (Technical University Munich); Dr Sascha Dickel (TU Munich); Mr Anton Schröpfer (Technical University of Munich)*

**Digital fabrication in Brazil: can we make it work for social inclusion?**

*Dr Rafael Dias (State University of Campinas); Prof Adrian Smith (University of Sussex)*

**Hacking the museum together: Historiographies of space, from hackspaces to shared machine shops**

*Ms Kaitlyn Braybrooke (University of Sussex)*

**Souvenirs of Place and Time - Using in-situ 3D Printing as a tool for Audience Engagement with Local Heritage**

*Dr Sam Forster (Edinburgh Napier University); Ms Katharina Vones (Edinburgh Napier University)*

**T012. The Event of the Public: Convolutions of Aesthetic and Epistemic Practice**

**Convenors:** Prof Gay Hawkins (University of Western Sydney); Dr Alex Wilkie (Goldsmiths, University of London); Prof Mike Michael (University of Sydney); Prof Kane Race (University of Sydney)

**Chair:** Alex Wilkie (Goldsmiths - 1,3), Mike Michael (University of Sydney - 2)

This track aims to explore the role of the aesthetic in epistemic practices with particular reference to the ways in which 'publics' or 'scientific citizens' are enacted.

**T012.1**

**Thu 1st Sept, 16:00; 121**

**Aesthetics and the Making of Technoscientific Publics**

*Prof Mike Michael (University of Sydney)*

**Queer Counterpublics in the Digital Context**

*Prof Kane Race (University of Sydney)*

**Rationality and Ritual: Public Randomization Ceremonies as Aesthetic and Epistemic Objects**

*Margarita Rayzberg (Northwestern University)*

**›Artivism‹ - a new form of politics?**

*Mrs Nora Rigamonti (Technical University Berlin)*

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## T012.2

**Fri 2nd Sept, 09:00; 121**

**Provoking Animal Publics: the case of wildlife documentary**

*Dr Ben Dibley (Western Sydney University); Prof Gay Hawkins (University of Western Sydney)*

**Proof and Beauty: On the aesthetics/forensics/politics/technics of surveillance and ornithological images.**

*Dr Rocco Bellanova (PRIO); Prof Ann Rudinow Saetnan (Norwegian Institute for Science & Technology)*

**The Form(ation) of Insterspecies Aesthetics**

*Dr Li Jönsson (Kakd); Dr Tau Lenskjold (University of Southern Denmark)*

## T012.3

**Fri 2nd Sept, 11:00; 121**

**Energy and Aesthetic Experience: Engaging Communities of Despair**

*Dr Alex Wilkie (Goldsmiths, University of London)*

**A Step towards Infrastructural Esthetics**

*Prof Masato Fukushima (The University of Tokyo)*

**Shiny, stinky, interesting!? Professional practices of dis/engaging citizens**

*Dr Nona Schulte-Römer (UFZ - Helmholtz-Centre for Environmental Research)*

**'There is a township growing in your backyard': exploring a chief's entanglements in processes of 'issue making'**

*Miss Eva Riedke (University of Mainz)*

**Art-and-energy convolutions**

*Ms Lea Schick (IT University)*

## T013. STS-CAM: Science and technology studies on complementary and alternative medicine

**Convenors: Dr Pia Vuolanto (University of Tampere); Dr Caragh Brosnan (University of Newcastle); Dr Jenny-Ann Danell (Umea University)**

This traditional track with standard papers focuses on the processes associated with the knowledge production, professionalization, standardisation, integration and globalization of complementary and alternative medicine (CAM)

## T013.1

**Thu 1st Sept, 16:00; M214**

**Negotiation and translation of complementary and alternative medicine in the political domain**

*Dr Jenny-Ann Danell (Umea University)*

**The 'S-word' in chiropractic education: exploring the paradoxical relationship between standardisation and professionalisation**

*Dr Caragh Brosnan (University of Newcastle)*

**"Hiding in the corridors, fearing the Sceptic" - Inside the social world of integrative medicine**

*Dr Pia Vuolanto (University of Tampere)*

**Neo-colonial turf wars and traditional medicine regulation: a case study**

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*Ms Nadine Ijaz (University of Toronto); Dr Heather Boon (University of Toronto)*

**Modes and moves of Chinese Medicine in post/socialist Europe**

*Dr Tereza Stockelova (Institute of Sociology, Czech Academy of Sciences); Mr Jaroslav Klepal (Czech Academy of Sciences)*

**T013.2**

**Fri 2nd Sept, 09:00; 122**

**Self-Responsibilization and Self-Actualization: CAM as Neoliberal Governance and Embodied Wellness**

*Dr Ana Ning (King's University College at UWO)*

**Acupuncture, Science and Higher Education: negotiating competing paradigms and professional autonomy within British Universities**

*Dr Assaf Givati (University of Portsmouth); Dr Shelley Berlinsky (London City College)*

**Institutional challenges in the medical evaluation of CAM in the U.S.**

*Mr Geoffroy Carpier (Université de Rouen / NYU); Dr Patrice Cohen (University of Rouen)*

**Alternative Methods in Anaesthesia: Mesmerism in 1840s Britain**

*Dr Eszter Pál (Institute of Sociology, ELTE)*

**T014. Considering the performativity of our own research practices**

**Convenors: Dr Lisa Wood (Lancaster University); Dr Juliane Jarke (Bremen University); Prof Lucas Introna (Lancaster University)**

What happens if we take Barad's call for ethico-onto-epistemology seriously? How can we perform STS 'by Other Means', open the black box of ethnographies, and participate in their performative enactment more reflexively and creatively? Paper presentation and discussion facilitated by a respondent.

**T014.1**

**Sat 3rd Sept, 09:00; 119**

**Un/Re-making method: Enacting a posthumanist performative social science**

*Prof Natasha Mauthner (University of Aberdeen)*

**(AUTO)ETHNOGRAPHIC ACCOUNTS OF MEDICAL IMAGING: CONSIDERING THE PERFORMATIVITY OF ETHNOGRAPHIC REPRESENTATION**

*Dr Lisa Wood (Lancaster University)*

**Interviews and Focus Groups as Ethnographic Sites for Studying the Enactment of Bodies and Selves**

*Mr Michael Penkler (Technical University of Munich)*

**T014.2**

**Sat 3rd Sept, 11:00; 119**

**Displacing Meanings of Early Childhood Literacy: A Praxiographical Fieldwork?**

*PhD student Lena Aronsson (Stockholm University)*

**Ethico-onto-epistemology: some reflections on performative epistemic practices**

*Prof Lucas Introna (Lancaster University)*

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**Considering the performativity of our own research practices: diffraction in practice and as practice**

*Dr Davide Nicolini (University of Warwick); Ms Annouchka Bayley (Warwick University)*

**Measuring Up: Performing a Diffraction of a Higher Education Institution**

*Ms Annouchka Bayley (Warwick University)*

**T014.3**

**Sat 3rd Sept, 14:00; 119**

**Manifold roles in researching, doing and promoting Technology Assessment**

*Mr Benedikt Roskamp (University of Liège)*

**Touch as ethico-onto-epistemology**

*Dr Eva Svedmark (Umeå University)*

**Performing sociomaterial research, enacting sociomateriality?**

*Dr Juliane Jarke (Bremen University)*

**The "Breaching Question" as a Performative Research Method**

*Dr Meritxell Ramírez-i-Ollé (University College London)*

**T014.4**

**Sat 3rd Sept, 16:00; 119**

**Reconsidering the performativity of methods in STS research from a constructive design research perspective**

*Ms Sissel Olander (the Royal Danish Academy of Fine Arts, School of Design); Dr Tau Lenskjold (University of Southern Denmark)*

**Writing research as ethico-onto-epistemic practice**

*Miss Mariacristina Sciannamblo (Sapienza University of Rome)*

**Resonance Momentum: Mobilities of Making and Social Research**

*Dr Samuel Thulin (Lancaster University); Dr Jen Southern (Lancaster University); Prof Monika Buscher*

**T015. Urban Climate Experiments: A Para-Site**

**Convenors: Prof Michael Flitner (Bremen University); Dr Friederike Gesing (University of Bremen)**

**Discussant: Nona Schulte-Römer (Helmholtz-Zentrum für Umweltforschung GmbH - UFZ)**

**Sat 3rd Sept, 16:00; M212**

Amidst increasing standardization of transnational climate governance, collective urban experiments challenge the normalization of climate change in the city. The track explores collaborative approaches to the coproduction of transnational spaces in localized experiments and networked structures.

**Epistemic communities, professional expertise and the city: The case of global ecological problems in large Canadian cities.**

*Prof Louis Guay; Mrs Julie Hagan (Laval University)*

**Research in the wild for the city and with the citizens: The climate game and other actions**

*Prof Josep Perelló (Universitat de Barcelona)*

**Experimenting with cities and citizens' responses to climate change**

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*Dr Lucía Liste (Norwegian University of Science and Technology); Dr Sara Heidenreich (Norwegian University of Science and Technology)*

## **T016. Technoscience and Transformation of the State**

**Convenors:** Prof David Galbreath (University of Bath); Dr Sulfikar Amir (Nanyang Technological University)

**Thu 1st Sept, 16:00; 117a**

This track sets out to examine how technoscience has allowed many developments that are changing the pattern of social relations and political governance. We look at this transformation in spatial politics to examine the impact of technoscience on the state.

**Will the smart city challenge how governments do policy making?**

*Prof David Galbreath (University of Bath)*

**Targeted therapies, genomic and the challenge of their costs for Welfare State**

*Dr Pierre-André Juven (IFRIS)*

**Digital Empire and the Politics of Online Solidarity Activism**

*Ms Meryem Kamil (University of Michigan)*

**Internet Platform Governance and Democracy**

*Prof Ingrid Schneider (University of Hamburg)*

## **T017. STS for pharmaceuticals and public health policy**

**Convenors:** Dr Stuart Hogarth (King's College London); Dr Courtney Davis (King's College London); Prof John Abraham (King's College London); Dr Conor Douglas (Maastricht University)

What is the relationship between pharmaceuticals and the policies that govern them? How can societal challenges in this area be addressed to achieve health outcomes? We seek papers exploring the dynamics through which pharma technoscience has been, could be, and should be, shaped by other means.

### **T017.1**

**Fri 2nd Sept, 09:00; 116**

**Research Ethics Committees and the 'club regulation' of pharmaceutical research**

*Prof Adam Hedgecoe (Cardiff University)*

**Pricing orphan drugs, prizing rare diseases**

*Prof Vololona Rabearisoa (Mines ParisTech); Dr Liliana Doganova (Mines ParisTech)*

**"The most generous statement justifiable": Analytic capabilities and investigative norms in the regulation of the anti-influenza drug Relenza**

*Dr Shai Mulinari (Lund University)*

**Health Fiction, Performativity, and Pharmaceuticalization: A Preliminary Remark on "Fictitious Health" in contemporary Biomedicalization**

*Prof Kan-Lin Hsu (Tunghai University)*

**The Politics of Knowledge Production in Carcinogenic Risk Assessment**

*Prof John Abraham (King's College London)*

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## T017.2

**Fri 2nd Sept, 11:00; 116**

**FDA Approval of Flibanserin for Female Hypoactive Sexual Desire Disorder: A Rhetorical Study**

*Prof Judith Segal (University of British Columbia)*

**Scenario studies with coverage decision-makers for drugs for rare diseases**

*Dr Conor Douglas (Maastricht University)*

**Boundary work in the regulatory evaluation of pharmaceuticals**

*Dr Jarno Hoekman (Utrecht University); Dr Wouter Boon (Utrecht University)*

**Pharmaceutical wholesaling and its regulation, an important stage to explore**

*Researcher Carine Baxerres (IRD); Dr Daniel Arhinful (NMIMR, University of Ghana); Dr Jean-Yves Le Hesran (IRD)*

**Developing a Canadian Orphan Drug Policy: A Stalled Initiative**

*Dr Carlos Novas (Carleton University)*

## T017.3

**Fri 2nd Sept, 14:00; 116**

**Knowledge management in multi-site clinical trials in Latin America.**

*Miss Sara Valencia (University of Edinburgh); Dr Alessandro Rosiello (University of Edinburgh)*

**Benzodiazepines trajectory in Uruguay: implications for public health**

*Dr Andrea Bielli (University of the Republic (Uruguay)); Msc Gabriela Bruno (University of the Republic); Ms Nancy Calisto (University of the Republic (Uruguay)); Mr Santiago Navarro (Facultad de Psicología, Universidad de la República); Ms María Pilar Bacci Mañaricua (Universidad de la República)*

**The politics of rare diseases and orphan drugs in Europe**

*Dr Rob Hagendijk (universiteit van amsterdam)*

**Primary healthcare and biotechnology innovation: developing cancer immunotherapy in Cuba**

*Mr Nils Graber (EHESS)*

**Prenatal Genetic testing as instruments of governementalisation of public health**

*Prof Catherine Fallon (University of Liege)*

## T017.4

**Fri 2nd Sept, 16:00; 116**

**Blockbuster diagnostics? The pharmaceuticalisation of the IVD industry.**

*Dr Stuart Hogarth (King's College London)*

**What do they know? On patients reporting drug safety issues**

*BA Jasmin Engelhart (University of Vienna)*

**An examination of the development of the HPV vaccine**

*Mr Shaun Geer (UC Davis)*

**Access driven networks for therapeutic goods production in Brazil**

*Prof Marilena Correa (Institute of Social Medicine - State University of Rio de Janeiro); Dr Maurice Cassier (CNRS); Mr Koichi Kameda (CERMES3 and IMS/UERJ)*

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## **T018. Markets versus commons? What relationships? What roles for STS?**

**Convenors:** Prof Luigi Pellizzoni (University of Trieste); Dr Les Levidow (Open University)  
**Sat 3rd Sept, 09:00; M214**

There has been a long-standing debate over 'markets versus commons', yet they intermingle in various ways. The session aims to shed light on this contested area, especially the role of STS concepts.

### **Understanding the role of Digital Commons; The making of HTML5**

*Dr Raúl Tabarés (TECNALIA)*

### **The ambivalence of openness: Online education as an expression of converging and conflicting reform programs in the university**

*Dr Edward Hamilton (Capilano University)*

### **Communities and Markets on the Geoweb - How Do Open Data Web Maps Compare With Proprietary Ones?**

*Ms Valentina Carraro (Hong Kong City University)*

### **Pe(e)rformativity: Narratives of social change in Commons-based peer production**

*Mr Bruno Chies*

### **Remaking the Commons: open access movements and the deprivatization of scientific publications**

*Dr Didier Torny (INRA)*

## **T019. Science and Technology through Critical Art Practice**

**Convenors:** Prof Merete Lie (Norwegian Uni of Science and Technology); Prof Lisa Cartwright (Univ of California at San Diego)

Science and Technology through Critical Art Practice is devoted to considering new ways of making and doing in science and technology and in STS informed by sci-artists and engagement with feminist and critical theory.

### **T019.1**

**Sat 3rd Sept, 11:00; 134**

### **Visualising the Laboratory: Choreography, Photography and (Nano)technology**

*PhD candidate Kerstin Hamilton (University of Gothenburg)*

### **The Art of Extended Bodies: Cells, Microbes, and Future Visions of (Post)Human Bodies**

*Dr Nora S. Vaage (University of Bergen)*

### **Medicine in Neoslave Geographies**

*Ms Cristina Visperas (University of California, San Diego)*

### **Portraiture in Cell Imaging**

*Prof Merete Lie (Norwegian Uni of Science and Technology)*

### **T019.2**

**Sat 3rd Sept, 14:00; 134**

### **Instruments and Sensors in Critical Land Use Interpretation: The Camera, The MET Tower**

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*Prof Lisa Cartwright (Univ of California at San Diego)*

**Polar Environmental Discourses: Film, Politics, and Oil in the Anthropocene**

*Dr Lisa Bloom (UCLA)*

**"smART cities and waste": arts-led interdisciplinary approaches to urban waste innovation and public engagement**

*Dr alexandra plows (Bangor University UK)*

**Social. Critical. Practical. Modeling a Post-Digital Design Lab**

*Prof Matthew Wizinsky (University of Cincinnati)*

**T019.3**

**Sat 3rd Sept, 16:00; 134**

**Hand on Heart: Performing Tender Surgery**

*Dr Christina Lammer (Academy of Fine Arts Vienna)*

**Analytical montage and the 'absent presence' of race**

*Ms Ildikó Plájás (University of Amsterdam)*

**Making a mess of dance through Feminist STS**

*Ms Margaret Jean Westby (Concordia University)*

**Improvising Technology and Power: Long live use-value and Cyborgs**

*Ms Felicity Heathcote-Márcz (Alliance Manchester Business School)*

**T020. Governing Excellent Science**

**Convenors:** Dr Sarah de Rijcke (Leiden University); Dr Wolfgang Kaltenbrunner (TU München); Dr Laurens Hessels (KWR); Dr Alex Rushforth (Leiden University); Prof Ruth Müller (TU München); Dr Thomas Franssen (Leiden University); Ms Tjitske Holtrop (AISSR)

As science policies have increasingly oriented themselves to fostering 'excellence' we are looking to unpack this notion in the governance of science through four themes: 'funding for excellence', 'the rhetoric of excellence', 'managing and evaluating excellence' and 'comparing excellence'.

**T020.1**

**Thu 1st Sept, 09:00; 120**

**Tales of excellence in an accelerated culture**

*Prof Carter Bloch (Aarhus University); Dr Sarah de Rijcke (Leiden University); Dr Mitchell Young (Charles University in Prague); Dr Mads P. Sørensen (Aarhus University); Dr Thomas Franssen (Leiden University)*

**Do excellent researchers ever fail? Comparing academia and biotechnology companies**

*Dr Maximilian Fochler (University of Vienna); Dr Lisa Sigl (University of Vienna)*

**Valuating Academic Worth**

*Ms Anne Slootweg (Erasmus Universiteit Rotterdam)*

**Maintaining Fictions of Consensus: The Rhetoric of Scientific Performance**

*Dr Christine Schwarz (University of Hanover); Mrs Meike Levin-Keitel (Leibniz Universität Hannover)*

**T020.2**

**Thu 1st Sept, 11:00; 120**

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**Working the Excellence: Foreign Scientists in Japan's Research Institutions**

*Ms Ieva Puzo (University of Pittsburgh)*

**Competitive versus block funding and creativity in Japan: status contingency effects**

*Prof John Walsh (Georgia Institute of Technology); Dr You-Na Lee; Dr Jian Wang (KU Leuven)*

**Professional evaluation of research excellence: case study of the Netherlands**

*Miss Sabrina Petersohn (GESIS Leibniz Institute for the Social Sciences)*

**Fostering Excellent Science in the Irish Research Center through Institutionalized Entrepreneurism**

*Ms Jennifer Kutzleb (University of California, Davis)*

**T020.3**

**Thu 1st Sept, 14:00; 120**

**Exploring the effects of quantifying scientific excellence in a small scientific community**

*Prof Toni Pustovrh (University of Ljubljana, Faculty of Social Sciences); Prof Anuska Ferligoj (University of Ljubljana)*

**Narratives of excellence as predictors of change in the architecture of research fields**

*Dr Marija Brajdić Vuković (University of Zagreb)*

**Scientific Impact, Social Relevance and Excellent Science: An Isosceles Triangle?**

*Dr Irene Ramos-Vielba (INGENIO (CSIC-UPV)); Dr Richard Woolley (INGENIO (CSCI-UPV)); Dr Pablo D'Este; Dr Ana Fernandez-Zubieta (Universidad Complutense de Madrid)*

**Science Excellence on the Move**

*Prof Anne Kovalainen (University of Turku); Dr Seppo Poutanen (University of Turku)*

**Funding excellent science: implications for Dutch research practices**

*Mr Wout Scholten (Rathenau Institute); Dr Laurens Hessels (KWR); Drs. (MSc) Leonie van Drooge (Rathenau Institute)*

**T020.4**

**Thu 1st Sept, 16:00; 120**

**Re-imagining excellence for research policy indicators**

*Dr Federico Ferretti (Joint Research Centre); Dr Ângela Guimarães Pereira (European Commission); Dr Sjoerd Hardeman*

**Comparing conventional excellence: moral and technical features of "good research"**

*Mr Nathan Charlier (University of Namur)*

**Excellence policies; a user's perspective**

*Dr Jessika van Kammen (Academic Medical Center Amsterdam)*

**Are funding policies about nurturing excellence or rewarding past performance?**

*Mr Philippe Mongeon (Université de Montréal); Prof Vincent Larivière*

**Towards understanding 'collaborative excellence' and its implications for science policy**

*Dr Inga Ulricane (University of Vienna)*

**T021. Bioinformation management in data driven medicine**

**Convenors:** Dr Karoliina Snell (University of Helsinki); Dr Aaro Tupasela (University of Copenhagen); Prof Ilpo Helén (University of Eastern Finland)

**Thu 1st Sept, 11:00; 117a**

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This track focuses on practices and challenges of collection, circulation and uses of masses of bio- and health information in biomedical research, clinical work, administration or personal health care, and on the ways bioinformation management shapes medical practices and institutions.

### **Epistemological Networks in Cancer Medicine**

*Dr Bernhard Wieser (AAU); Mr Luka Jakelj (Alpen-Adria-Universität Klagenfurt); Dr Michaela Mayrhofer (BBMRI-ERIC)*

### **Information management meets 'data hugging' in the digital age**

*Dr Aaro Tupasela (University of Copenhagen)*

### **Outlining a medical future through visions of biomedical data architectures**

*Dr Karoliina Snell (University of Helsinki)*

### **Proposing and recalling a bioinformatic solution**

*Mr Donald Everhart (UCSD)*

### **Negotiating uniqueness of national population in biobanking and data driven medicine**

*Mrs Heta Tarkkala (University of Eastern Finland, University of Helsinki)*

## **T022. Refugee technologies and mobility into Europe**

### **Convenors: Dr Lino Camprubi (Max Planck Institute for the History of Science)**

European countries offer technological solutions to the “immigrant crisis”, from fences to the EuroSur system. Refugees and migrants have their own technologies of mobility, such as cell-phones and maps. This track explores the mutual adaptations of the technologies used in each side of the border

### **T022.1**

***Fri 2nd Sept, 14:00; 112b***

#### **From Waves to Walls: Imagining the Mediterranean Sea as a Humanitarian Space**

*Ms Eva van Gemert (University of Amsterdam & Erasmus University Rotterdam)*

#### **Some thoughts on barbed wire in Fortress Europe**

*Dr Jaume Sastre-Juan (Universidade de Lisboa); Dr Jaume Valentines-Álvarez (Faculdade de Ciências e Tecnologia, Universidade Nova de Lisboa); Dr Ferran Aragon*

#### **Lampedusa: Picture stories from the edges of Europe**

*Dr Estelle Blaschke (University of Lausanne)*

#### **With facebook through the Balkan: Social media and the autonomy of migration**

*Miss Maria Elisabeth Ullrich (University of Bonn)*

### **T022.2**

***Fri 2nd Sept, 16:00; 112b***

#### **Detection systems: Submarine surveillance, environmental monitoring and immigration management.**

*Dr Lino Camprubi (Max Planck Institute for the History of Science)*

#### **A compassionate border: hospitality and the asylum procedure.**

*Mrs Maja Hertoghs (Erasmus University Rotterdam)*

#### **Smart borders: re-making borders through technology**

*Dr Gemma Galdon Clavell (Éticas research and Consulting)*

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**Mobile phones and other information practices among undocumented migrants at the US-Mexico border**

*Dr Ricardo Gomez (University of Washington); Verónica Guajardo (University of Washington); Dr Bryce Newell; Dr Sara Vannini (University of Washington)*

**T023. Science Is Politics by Other Means Revisited**

**Convenors: Prof Dominique Vinck (Lausanne University); Prof Eve Seguin (Université du Québec à Montréal)**

Latour's claim that "science is politics by other means" has become the underlying creed of the STS field. Yet it raises a number of fascinating questions such as the many interpretations given to it, its articulation with other approaches, its reception in different disciplines, etc. This track aims at revisiting it.

**T023.1**

**Thu 1st Sept, 09:00; 121**

**Science is Politics by Other Means between Politics and Ontology**

*Prof Eve Seguin (Université du Québec à Montréal)*

**Public Policy Analysis, the co-production idiom and the symmetry principle**

*Dr Maria Belen Albornoz (Latin American Faculty of Social Sciences (FLACSO-Ecuador))*

**Why Political Theorists Ignore Science**

*Prof Stephen Turner (University of South Florida)*

**Is Science the new Politics of the Anthropocene?**

*Dr David Chandler (University of Westminster)*

**T023.2**

**Thu 1st Sept, 11:00; 121**

**Conceptions of the good life, by other means**

*Prof Sergio Sismondo (Queen's University)*

**On Latour's abundant use of militaristic rhetoric**

*Mx Lee Nelson (Rensselaer Polytechnic Institute)*

**Proposing a dialogue between Latour and critical theory**

*Dr Stefan Klein (Universidade de Brasília (UNB))*

**T023.3**

**Thu 1st Sept, 14:00; 121**

**Constitutional Ecology of Practices. From Network to Process**

*Dr Niels van Dijk (VUB)*

**Enacting anti-contextualism: excessive relationality and problems of historical continuity**

*Mr Reuben Message (London School of Economics)*

**Latour on Politics: Political turn in epistemology or Ontological turn in politics?**

*Dr Noemi Sanz Merino (University of Balearic Islands)*

**The Politics of Science in the GM Controversy**

*Dr Aristeidis Panagiotou*

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## **T024. Nuclear futures - how to govern nuclear waste?**

**Convenors:** Dr Karena Kalmbach (Environmental Policy Research Centre, FU Berlin); Dr Peter Hocke (KIT); Prof Klaus-Jürgen Röhl; Prof Clemens Walther

*Discussant:* Markku Lehtonen (EHESS Ecole des Hautes Etudes en Sciences Sociales & ESSEC Business School)

**Fri 2nd Sept, 09:00; 117a**

The aim of this track is to look at the issue of nuclear waste governance from multiple disciplinary perspectives while particularly focusing on questions of time, space and changing affected and concerned collectives within these scales.

**A Community-based Risk Governance Framework for Decommissioning of Nuclear Power**

*Prof Naoki Yamano (University of Fukui)*

**Interdisciplinary Perspectives on Dose Limits in Radioactive Waste Management**

*Dr Karena Kalmbach (Environmental Policy Research Centre, FU Berlin); Prof Klaus-Jürgen Röhl*

**« Right to shape » decisions: the closing up as new strategy to move forward with high-level radioactive wastes.**

*Miss Céline Parotte (University of Liège)*

**Time-binding, Trust, and Nuclear "Waste Confidence" in the United States**

*Dr William Kinsella (North Carolina State University)*

## **T025. Imaginaries and Materialities of Accountability: Exploring practices, collectives and spaces**

**Convenors:** Dr Dawn Goodwin (Lancaster University); Dr Vicky Singleton (Lancaster University)

This track considers the sociotechnologies of accountability. We ask:

- How is accountability being done, challenged and remade?
- How do practices of accountability variously distribute responsibility?
- How might accountability be done differently and what circumstances are necessary to do so?

### **T025.1**

**Sat 3rd Sept, 14:00; 121**

**Layers of accountability and surveillance in a founding room**

*Miss Dara Ivanova (Erasmus University Rotterdam); Dr Iris Wallenburg (Erasmus University Rotterdam); Prof Roland Bal (Erasmus University Rotterdam)*

**Accountability and Emotions in Public Sector Organizations**

*Dr Cecilie Glerup (University of Copenhagen); Dr Lise Justesen (Copenhagen Business School)*

**Healthcare 'scandals', inquiries, and new and old enactments of accountability**

*Dr Dawn Goodwin (Lancaster University)*

**Shading the Maps of Responsibilities**

*Mr Peter Fuzesi (Lancaster University)*

**Surfacing 'Surfing': Accounting for Digital Practices Within the Home**

*Dr Murray Goulden (University of Nottingham)*

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## T025.2

**Sat 3rd Sept, 16:00; 121**

**Counting on Others or Counting Incidents? Practices of Accountability in a Nuclear Research Center**

*Mr Nicolas Rossignol (University of Liège)*

**Shaping accountabilities for erroneously enacted environmental evidence**

*Dr Ingmar Lippert (IT University of Copenhagen)*

**Turning Scientific Authorship into an Accountability Technology: the Rise of Contributorship in Biomedicine**

*Mr David Pontille (CNRS)*

**The Knowing/Accounting Disjunction: The Case of Public Management Account-Making**

*Mr Oz Gore (Alliance Manchester Business School); Dr Chris Mclean (University of Manchester)*

## **T026. Human rights restitution "in the making": on expertise and devices for denunciation and reparation of politically motivated collective violence**

**Convenors: Dr Lindsay Smith (University of New Mexico); Dr Oriana Bernasconi (Universidad Alberto Hurtado); Dr Fredy Mora-Gamez (University of Leicester)**

The panel explores the role of expertise and technical devices participating in institutional responses to collective violence. We open up rights restitution "in the making" to gain a better understanding of these controversial dynamics considering particular issues of power, knowledge and truth.

### T026.1

**Thu 1st Sept, 09:00; 112a**

**Memory and Scientific Knowledge Production: Chilean Forensic Identification in the Aftermath of the Pinochet Dictatorship**

*Prof Eden Medina (Indiana University)*

**Are the Human Rights of ART victims Vindicable?**

*Mrs Gülsevim Evsel (Middle East Technical University)*

**Scientists enforced disappearances at the CNEA during the last military-civilian dictatorship in Argentina, 1976-1983.**

*Lic. Paula Erica Matuz (Universidad de Buenos aires); Prof Irene Veronica Beyreuther (Universidad de Buenos Aires)*

**State terrorism in Chile: the devices of registration and denunciation of the Disappeared Detainee**

*Dr Oriana Bernasconi (Universidad Alberto Hurtado)*

### T026.2

**Thu 1st Sept, 11:00; 112a**

**Classifying pain, recognizing victims: towards an ethnographic critique of the process of victim's registration in post-TRC Peru**

*Mrs Laura Tejero (Complutense University of Madrid)*

**Recognition as sociotechnical border: on rights restitution in post-conflict Colombia**

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*Dr Fredy Mora-Gamez (University of Leicester)*

**Experts All the Way Down: Dewey, Latour and Everyday Peace Indicators**

*Dr Pol Bagues-Pedreny (Institute for Development and Freedom (INEF))*

**T027. Data-driven cities? Digital urbanism and its proxies**

**Convenors:** Dr Claudio Coletta (Maynooth University); Dr Liam Heaphy (Maynooth University); Dr Sung-Yueh Perng (Maynooth University); Dr Laurie Waller (Technische Universität München)

The track explores the digital, data-driven and networked making of urban environment. We welcome contributions in various formats: presentations, audio, video and photographic accounts, as well as performances and live demonstrations of public interfaces and software tools for urban analysis.

**T027.1**

**Thu 1st Sept, 09:00; 122**

**One Country, Two Datasets: Smart City Politics in Hong Kong**

*Dr Rolien Hoyng (Lingnan University)*

**ISO 37210:2014: Making city data commensurable**

*Mr James White (Maynooth University)*

**The choreography of people and code in the city through Real-Time Passenger Information and traffic control systems**

*Dr Liam Heaphy (Maynooth University)*

**Crime as data: The move from predictive to prescriptive policing and the empirical underpinnings of police reform**

*Mr Aaron Shapiro (University of Pennsylvania)*

**T027.2**

**Thu 1st Sept, 11:00; 122**

**Spaces of prescription or of negotiation? Control rooms and the government of urban crime in the age of "predictive policing"**

*Ms Sarah Widmer (Technische Universität München)*

**DIO: a mobile game to map surveillance cameras**

*Mr Tiago Chagas Soares (University of São Paulo); Mr Felipe Lavignatti; Dr Sarah Costa Schmidt; Dr Rafael de Almeida Evangelista (Unicamp)*

**Sensing the city; a sociotechnical approach to environmental sensing.**

*Dr Darren Reed (University of York)*

**From concrete to data: how digital services reframe accessibility for the disabled**

*Mr Clément Marquet (Télécom ParisTech)*

**T027.3**

**Thu 1st Sept, 14:00; 129**

**Re-imagining the city through participatory open data**

*Dr Juliane Jarke (Bremen University); Prof Herbert Kubicek (Institute for Information Management Bremen); Ms Ulrike Gerhard (Universität Bremen)*

**The Public and Private Interests in Open Government Data**

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*Mx Margaret Young (University of Washington)*

**Civic Hacking and Testbedding as Alternative City Making**

*Dr Claudio Coletta (Maynooth University); Dr Sung-Yueh Perng (Maynooth University)*

**T028. Futures in the making and re-making**

**Convenors: Dr Richard Tutton (Lancaster University); Prof Nik Brown (University of York)**

This track invites STS scholars to critically reflect on their conceptual and empirical approaches to futures, imaginaries and the promissory. It encourages contributors to think about 'our' own place in the academic literature on futures.

**T028.1**

***Fri 2nd Sept, 09:00; 120***

**Habitus and prospectus: a socio-technical history of business futures in the Dupont de Nemours family (1797-1802)**

*Dr Martin Giraudeau (London School of Economics)*

**Science fiction as a path to explore ecological futures and worlds in preparation: representations and imaginaries of the habitability of the (technologized) planet**

*Dr Yannick Rumpala (Université de Nice)*

**Towards a visual sociology of expectations: the case of Mars One**

*Dr Richard Tutton (Lancaster University)*

**Crafting future memories and making plans: Preservation and the hazardscape**

*Mrs Annie Hale (Arizona State University)*

**T028.2**

***Fri 2nd Sept, 11:00; 120***

**'Are we just giving patients more years of anxiety?' Time, futures and expectations and an early diagnosis of Alzheimer's disease**

*Dr Julia Swallow (University of Leeds)*

**Co-Constructing Futures of Care-Crisis And Techno-Fix**

*MA Leo Matteo Bachinger (Rensselaer Polytechnic Institute)*

**Parkinson's disease, biomedicine, and hope in contemporary Germany**

*Dr Ingrid Metzler (Vienna University)*

**Future invocation - economic and immunitary imaginaries in anti-microbial resistance (AMR)**

*Prof Nik Brown (University of York)*

**Packing the Past to Anticipate the Future: The Science of Resilience Post-War Communities**

*Dr Kelly Moore (Loyola Univesrity Chicago); Miss Nathalia Hernandez Vidal (LUC)*

**T028.3**

***Fri 2nd Sept, 14:00; 120***

**After science: Consumerist populism in the hype and controversy around the crowdfunded GoBe glucose/calorie monitor**

*Dr Paula Saukko (Loughborough University)*

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**Imagining a Genetic Community of the Future: The Establishment of the Taiwan Biobank and National Identity.**

*Dr WanJu Lee (Academia Sinica); Prof Yu-Yueh Tsai (Institute of Sociology)*

**Doing the future in smart imaginaries and infrastructures**

*Prof Willem Schinkel (Erasmus University Rotterdam)*

**Futures in the making: 'Vernacular future' in smart technology makers**

*Miss Debora Lanzeni (Fundació per a la Universitat Oberta de Catalunya); Dr Elisenda Ardèvol (Universitat Oberta de Catalunya)*

**T028.4**

***Fri 2nd Sept, 16:00; 120***

**Repairing the grounds of future imaginaries: Transition Towns and the 'end of useless'**

*Dr Nicholas Beuret (Hobart & William Smith Colleges)*

**Beyond proaction and precaution: nondualist ontologies and the reframing of future**

*Prof Luigi Pellizzoni (University of Trieste)*

**Care and STS: re-embedding socio-technical futures**

*Dr Christopher Groves (Cardiff University)*

**Flood Futures: hopeful plans and policy paralysis**

*Prof Maggie Mort (Lancaster University)*

**Climate Stalemate as Crisis of the Imagination An Analysis of Cultural-Political Techniques of Futuring**

*Dr Peter Pelzer (Utrecht University); Prof Maarten Hajer (Urban Futures Studio)*

**T029. Coordination mechanisms in new constellations of responsibility in science and technology**

**Convenors:** Prof Toni Pustovrh (University of Ljubljana, Faculty of Social Sciences); Dr Simone Arnaldi (University of Padua)

The notion of responsibility is gaining importance in shaping S&T in Europe and beyond. The track explores more formal intermediary mechanisms, such as TA bodies, ethics committees, etc, but also less formal ones, such as stakeholder forums, engagement exercises, etc, that coordinate responsibility.

**T029.1**

***Thu 1st Sept, 09:00; 117b***

**Old wines in new bottles? Societal Engagement under the terms of RRI**

*Dr Anja Bauer (Institute of Technology Assessment/ Austrian Academy of Sciences); Mr Alexander Bogner (Austrian Academy of Sciences); Ms Daniela Fuchs (Austrian Academy of Sciences)*

**Dynamics of Responsible Innovation Constituents along Innovation Processes: Explaining the Variations from a Network Theory Perspective**

*Ms Jolita Ceicyte (Kaunas University of Technology); Dr Vincent Blok (wageningen university); Prof Monika Petraitė (Kaunas University of Technology)*

**The mediating role of objects in university-industry collaboration**

*Mrs Esther de Wit-deVries (ESRIG, University of Groningen); Dr Henny van der Windt (FWN)*

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### **Barriers for Responsible Innovation in food companies and the role of intermediaries**

*Ms Jilde Garst (Wageningen University); Dr Vincent Blok (wageningen university); Prof Onno Omta; Dr Léon Jansen (Dutch Choices Foundation)*

### **Non-Mandatory Ethics Bodies at Austrian Universities. Objectives, Work and Experiences.**

*Dr Erich Griessler (Institute for Advanced Studies)*

## **T029.2**

**Thu 1st Sept, 11:00; 117b**

### **Ethical review of animal experimentation: '3Rs' as boundary object**

*Dr Kathleen Job (Cardiff University)*

### **Intervening, interrogating, and coordinating responsible research and innovation through policy immersion programs for graduate students in the USA and Canada**

*Dr Matthew Harsh (Concordia University); Mr Eric Kennedy (Arizona State University)*

### **Dissapearing Mangroves: expertise and climate adaptation in Guyana**

*Prof Sarah Vaughn (Yale School of Forestry and Environmental Studies)*

### **Boundary Organizations and the Coordination of Responsibility. The case of the Office of Technology Assessment at the German Parliament**

*Dr Simone Arnaldi (University of Padua)*

### **Science museums as suitable agoras for experimenting new public engagement practices in biology innovations in the light of RRI: the example of synthetic biology workshop at MUSE**

*Dr Lucia Martinelli (museo delle scienze (MUSE)); Mr Federico Neresini (Università degli studi Padova); Dr Patrizia Famà (MUSE - Science Museum of Trento)*

## **T030. STS and Climate Change: Perspectives on/from the Global South**

**Convenors:** Dr Tiago Ribeiro Duarte (University of Brasília); Dr Myanna Lahsen (Brazilian National Institute of Space Research (INPE)); Dr Marko Monteiro (State University of Campinas); Dr Raoni Rajão (Universidade Federal de Minas Gerais)

This track seeks to bring together STS researchers who study climate science and climate policy in the Global South. We are particularly interested in empirical studies that privilege developing countries and their perspectives on climate change.

**Fri 2nd Sept, 09:00; 124**

### **Who are the IPCC authors from the Global South?**

*Ms Kari De Pryck (Sciences Po Paris/UNIGE); Dr Tommaso Venturini (King's College); Dr Audrey Baneyx (Sciences Po / Fondation Nationale des Sciences Politiques)*

### **Authorship inequalities and the Brazilian Panel on Climate Change**

*Dr Tiago Ribeiro Duarte (University of Brasília)*

### **Performing climate justice and (post) coloniality at the UN climate negotiations**

*Dr Raoni Rajão (Universidade Federal de Minas Gerais)*

### **"Edgeball" climates: science and low-carbon politics in China**

*Dr Sam Geall (University of Sussex)*

### **Power and Process: Shaping Knowledge Landscapes for Adaptation in Tanzania**

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*Dr Lisa Dilling (University of Colorado Boulder); Ms Meaghan Daly (University of Colorado Boulder); Dr Mara Goldman (University of Colorado-Boulder); Mr Eric Lovell (University of Colorado)*

## **T031. Topographies of clinical translation: charting novel sociotechnical landscapes within and around biomedical research.**

**Convenors:** Dr Luca Marelli (European School of Molecular Medicine, European Institute of Oncology, University of Milan); Dr Erik Aarden (University of Vienna); Dr Dustin Holloway (MCPHS University); Dr Alessandro Blasimme (University of Zurich)

In this panel we seek to explore the sociotechnical reconfigurations in biomedicine propelled by clinical translation, as a step toward consolidating a robust scholarly network focused on the social, political and ethical dimension of the so-called translational turn in biomedicine.

### **T031.1**

**Thu 1st Sept, 14:00; M212**

**Treatment algorithms: a new clinical tool for oncology's genomic-driven trials**

*Dr Etienne Vignola-Gagné (McGill University); Dr Pascale Bourret (Aix-Marseille Université / SESSTIM); Dr Sylvain Besle (INSERM)*

**The Power of Social Media in Advancing Cutting-Edge Science**

*Dr Mianna Meskus (University of Helsinki); Dr Luca Marelli (European School of Molecular Medicine, European Institute of Oncology, University of Milan); Mr Giuseppe Alessandro D'Agostino (European Institute of Oncology)*

**Mapping the landscape of translational research**

*Dr Anne K. Krueger (Humboldt University Berlin)*

**Bodies in translation: the shaping of epistemological congruence in bioresearch**

*Dr Stefano Crabu (University of Padua)*

### **T031.2**

**Fri 2nd Sept, 09:00; 113**

**Translating Exome Sequencing from the Bench to the Bedside: How Physicians and Parents Negotiate the Uncertainty of Genomic Test Results**

*Prof Stefan Timmermans (UCLA); Prof Tanya Stivers (UCLA)*

**From models to patients: Understandings of translation in systems medicine**

*Prof Regine Kollek (University of Hamburg); Dr Imme Petersen (University of Hamburg)*

**Integrating genetic diagnostics in European health care provision - some comparative insights for translation**

*Dr Erik Aarden (University of Vienna)*

**Developing point-of-care diagnostics for tuberculosis and HIV: attuning to local contexts of use**

*Dr Nora Engel (Maastricht University)*

## **T032. Science Communication**

**Convenors:** Prof Maja Horst (University of Copenhagen); Dr Sarah Davies (University of Copenhagen)

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**Chair:** Sarah R Davies (Univ. of Copenhagen,1), Maja Horst (Univ. of Copenhagen, 2), Joachim Allgaier (Alpen-Adria-University Klagenfurt, 3), Dorothea Born (Univ. of Vienna, 4), Erik Stengler (Univ. of the West of England, 5), Göde Both (TU Braunschweig, 6))

We focus on critical inquiry into the 'deficit to dialogue' narrative (a move from one-way PUS to more dialogic approaches). We also explore the boundaries of STS scholarship on science communication and invite papers on formats which might appear more as one-way communication.

### **T032.1**

**Thu 1st Sept, 09:00; 115**

**Science communication: Culture, Identity, Citizenship**

*Dr Sarah Davies (University of Copenhagen); Prof Maja Horst (University of Copenhagen)*

**Celebrity Science: How Does Ancient DNA Research Inform Science Communication?**

*Mrs Elizabeth Jones (University College London)*

**Le Geek, C'est Clique? Meanings of science in online science forums**

*Mr Oliver Marsh (University College London)*

**Perspectives on Reliable Sources When Co-Producing Knowledge Online**

*Dr Noriko Hara (Indiana University); Mx Emma Frieh (Indiana University - Bloomington)*

**Advantages and Disadvantages of Using YouTube for Science Communication Purposes**

*Dr Joachim Allgaier (Alpen-Adria-University Klagenfurt)*

### **T032.2**

**Thu 1st Sept, 11:00; 115**

**Science@YouTube Platform Infrastructures and Production Processes**

*Ms Andrea Geipel (Technical University of Munich)*

**Sounds of science: Translating Science and Technology Projects with TED**

*Dr Heidi Gautschi (EPFL); Dr Gianluigi Viscusi (EPFL)*

**Science as Religion? Representations of Science in British Science Television Programmes**

*Mr Will Mason-Wilkes (Cardiff University)*

**Defending Research by Doing Masculinities: Is Autonomous Driving the 'emasculatation of the German car-driver'?**

*Goede Both (TU Braunschweig / U Cologne)*

**Bearing witness to climate change. The creation of an icon for climate change communication in popular science magazines.**

*Ms Dorothea Born (University of Vienna)*

### **T032.3**

**Thu 1st Sept, 14:00; 115**

**An Analysis of Public Engagement in Sustainability within the Built Environment**

*Miss Amy Gray; Dr Erik Stengler (University of the West of England, Bristol)*

**Environmental communication in coast wetland communities: The case of Taiwan**

*Dr Ming-Ying Lee (Providence University)*

**COP21 and Koko the Gorilla: how do YouTube and Twitter shape topical issue spaces?**

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*Dr Warren Pearce (University of Sheffield); Dr Nicolas Baya Laffite (Université Paris-Est)*

**Opening Up Media Accounts of Climate Change**

*Dr Stephen Zehr (University of Southern Indiana)*

**Informal science communication: researchers and citizens travelling through ecosystems and biodiversity**

*Dr Alessandra Pugnetti (CNR ISMAR); Dr Alba L'Astorina (CNR Italian National Research Council)*

**T032.4**

***Thu 1st Sept, 16:00; 115***

**Communicating and Displaying Complicated Objects: Imaginative Methods from STS**

*Prof Alan Richardson (UBC)*

**Museums and the challenge of promoting skeptical attitudes toward science**

*Dr Belen Laspra (University of Oviedo)*

**Science as a Shield: The Nikola Tesla Museum in Belgrade**

*Mrs Mirjana Uzelac (University of Alberta)*

**The trial of visibility: Academic communicative device in an artistic-commercial context.**

*Mr Alexandre Camus (University of Lausanne)*

**Slamming Science. The New Art Of Old Public Science Communication**

*Miira Hill (Technical University Berlin)*

**T032.5**

***Fri 2nd Sept, 09:00; 115***

**The role of Women Magazines in the Healthy Lifestyle revolution**

*Miss Erela Ben Shachar (Bar Ilan University)*

**On Science and Fiction: The Case of Population Genetics and Belonging**

*Dr Venla Oikkonen (University of Helsinki)*

**How GM issue has been told at Chinese newspapers? Comparative Analysis of National and Local Newspaper Coverage of GM issue in China, 2000--2014**

*Ms Xiao Zhang (The University of Tokyo)*

**Cultural Practice and Lay Knowledge: Communicating GMOs in International Contexts**

*Mr John Lunsford (Cornell University)*

**Defining public expertise: scientists and field experts on public dietetic expertise**

*Mr Sampsa Saikkonen (University of Helsinki); Mr Janne Huovila (University of Helsinki)*

**T033. Who is in, who is out? Exploring collectives in health research**

**Convenors:** Prof Mathieu Albert (University of Toronto); Dr Elise Paradis (University of Toronto)

This track will explore the different manifestations of the collective in academic health research (incl. interdisciplinarity, private/public partnerships, community-based participatory research, etc.) and their impact on patterns of inclusion and exclusion of historically marginalized communities.

**T033.1**

***Thu 1st Sept, 09:00; 123***

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**University-industry commercial collectives? The shifting meaning of 'responsibility' in biomedical research**

*Mr Matthew Herder (Dalhousie University); Dr Kelly Holloway (St. Michael's Hospital)*

**Exclusion through evaluation: Social scientists working in faculties of medicine**

*Prof Mathieu Albert (University of Toronto); Dr Elise Paradis (University of Toronto)*

**Oncology Research - Looking for the core-set**

*Dr Alexandre Hannud Abdo (LISIS - INRA); Prof Alberto Cambrosio (McGill University); Dr Jean-Philippe Cointet*

**Knowing how to talk to medical doctors in a 'professional way': practices of in- and exclusion in elderly participation in health collectives**

*Dr Lieke Oldenhof (Institute of Health Policy and Management); Dr Rik Wehrens (Erasmus University)*

**T033.2**

**Thu 1st Sept, 11:00; 123**

**The history of orphan drugs and the development of a collective of rare diseases**

*Dr Koichi Mikami (University of Edinburgh)*

**Center and periphery in the production of knowledge in human genetics - view from Brazil**

*Miss Mariana Toledo Ferreira (Universidade de São Paulo)*

**Power: statisticians, authority and the genetics of common complex diseases**

*Dr Catherine Heeney (University of Edinburgh)*

**Brazilian and Chilean psychiatric reforms and management for freedom**

*Dr Jimena Madariaga (Universidade Austral do Chile)*

**T034. Revisiting bio-objects and bio-objectification: Categories, materialities and processes central to the (re)configuration of "life".**

**Convenors:** Dr Ingrid Metzler (Vienna University); Dr Aaro Tupasela (University of Copenhagen); Prof Andrew Webster (University of York); Dr Bettina Bock von Wuelffing (Humboldt University)

We invite papers that use the bio-objects conceptual tools as heuristics for understanding the (re)configuration of "life", which can be seen as the articulation of collectives that do not fit within traditional dichotomies, actors and institutions in life-sciences and health technologies

**T034.1**

**Sat 3rd Sept, 14:00; 125**

**Generating Bio-Objects and Bio-Subjects through Next Generation Sequencing**

*Prof Stefan Timmermans (UCLA); Prof Tanya Stivers (UCLA)*

**Life at Risk: the EDC-MixRisk Project and the Reconfiguration of Risk across Societal, Epidemiological and Molecular Scales**

*Prof Giuseppe Testa (European Institute of Oncology and University of Milan); Mr Nadav Even Chorev (European Institute of Oncology)*

**Tracking mitochondria as a bio-object: blurring and reconfiguring reproductive frontiers**

*Mrs Nolwenn Bühler (De Montfort University); Dr Cathy Herbrand (De Montfort University)*

**Practices involving genetic resources: exploring ontologies in the bio-objects world**

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*Dr Fabien Milanovic (Sup'Biotech); Prof Etienne Verrier (AgroParisTech); Prof Andre Charrier (SUPAGRO); Dr François Lefèvre (INRA)*

## **T034.2**

**Sat 3rd Sept, 16:00; 125**

**Eggs as condensations: frames of intelligibility within Biology of Reproduction**

*Mx Sara Lafuente (Consejo Superior de Investigaciones Científicas - CSIC (Spanish National Research Council))*

**Translating regenerative medicine: Fetal cells between drugs and transplants**

*Mr Paul Just (University of Vienna)*

## **T035. ICT and STS knowledge diffusion: actor's (publishers, authors, editors) strategies, critics and trends**

**Convenors: Dr Celia Díaz (UCM); Prof Sergio D'Antonio Maceiras (Universidad Complutense de Madrid); Dr Angel Gordo López (Universidad Complutense)**

**Thu 1st Sept, 09:00; 112b**

Main objective is to explore different collectives participating in STS diffusion to analyze strategies editors and authors lead to cope with metrics pressure. A second purpose is to generate a network where sharing experiences and ideas to produce new actors in the publications debate.

**The role and effects of metrics in the scholarly system**

*Dr Thed van Leeuwen (Leiden University)*

**Scientific communication networks. Analysis of journals and International Bibliographic Indexes.**

*Mr Yuiruban Hernandez (Universidad Nacional de Colombia Sede Medellin); Dr Jorge Márquez (UNIVERSIDAD NACIONAL DE COLOMBIA)*

**Performance-based allocation of funds, pressure to publish and publication strategies**

*Mr Jörg Neufeld (German Centre for Research on Higher Education and Science Studies (DZHW)); Dr David Johann (German Centre for Higher Education Research and Science Studies (DZHW))*

**Scientific knowledge and social impact on Biotechnology**

*Dr Beatriz Barros (Universidad de Malaga); Dr Raul Fidalgo Merino (Universidad de Malaga); Dr Ana Fernandez-Zubieta (Universidad Complutense de Madrid)*

**Co-word Maps and Topic Modeling: A Comparison from a User's Perspective**

*Prof Loet Leydesdorff (University of Amsterdam); Ir. Adina Nerghes*

## **T036. Social Studies of Politics: Making Collectives By All Possible Means**

**Convenors: Dr Jan-Hendrik Passoth (Technische Universität München); Prof Nicholas Rowland (The Pennsylvania State University); Prof Jan-Peter Voß (Berlin University of Technology)**

**Chair: Nicholas Rowland (The Pennsylvania State University - 1, 5), Jan-Peter Voß (Berlin University of Technology - 2, 6), Jan-Hendrik Passoth (Technische Universität München - 3), Endre Danyi (Goethe University- 4), Katharina Paul (University of Vienna -7)**

The challenge: to explore new ways of studying “politics as usual” by taking inspiration from the conceptual repertoire developed in STS for scrutinizing “science as usual”. We invite proposals for papers which mobilize STS concepts, methodologies, and practices in studying with “politics as usual”.

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### T036.1

**Thu 1st Sept, 09:00; 114**

**Realizing governance: epistemic and political performativity**

*Prof Jan-Peter Voß (Berlin University of Technology)*

**Bringing together STS and studies of governmentality: Mapping contemporary apparatuses of government**

*Prof Thomas Iemke (Goethe Universität)*

**Doing Translation in World Politics**

*Dr Alejandro Esquerro (University of Potsdam)*

**Baroque Ontology and its Ambivalence. Political Form of Catholic Church Rizomatic Ontology**

*Prof Andrzej Wojciech Nowak (Adam Mickiewicz University)*

### T036.2

**Thu 1st Sept, 11:00; 114**

**Modelling the State: The Ontological Politics of "Politics as Usual"**

*Prof Nicholas Rowland (The Pennsylvania State University); Dr Jan-Hendrik Passoth (Technische Universität München)*

**Spatial assemblages and the enactment of politics in local authorities**

*Ms Bettina Grimmer (University of Siegen)*

**The policy domain as a production site: Studying the emergence of policy domains from an STS-perspective**

*Dr Julia Pohle (Berlin Social Science Center); Prof Jeanette Hofmann (WZB/HIIG)*

**From Nuclear States to Renewable Democracies?**

*Mr Andreas Folkers (Goethe-University Frankfurt)*

### T036.3

**Thu 1st Sept, 16:00; VIP**

**Fact-making in permit markets: document networks as infrastructures of emissions trading**

*Mr Arno Simons*

**Black-boxing sustainable development: Environmental Impact Assessment on the River Uruguay**

*Dr Nicolas Baya Laffite (Université Paris-Est)*

**Translating participation across situations and contexts**

*Dr Linda Soneryd (University of Gothenburg)*

**Making labels - How to bring politics in the market by other means**

*Dr Aurelie Tricoire (CSTB); Dr Brice Laurent (CSI - Mines ParisTech); Prof Alexandre Mallard (Ecole des Mines ParisTech)*

### T036.4

**Fri 2nd Sept, 09:00; VIP**

**Landscapes of democracy: cultures, systems, and the politics of movement**

*Dr Endre Danyi (Goethe University, Frankfurt am Main); Dr Michaela Spencer (Charles Darwin University)*

**Do Parliaments have Artifacts? Shaping French National Assembly since 1789**

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*Prof Delphine Gardey (University of Geneva)*

**A parliament of paperwork**

*Mr Bård Hobæk (University of Oslo); Prof Kristin Asdal (University of Oslo)*

**Constitutive Invisibility: Exploring the Invisible Work of MPs staff**

*Dr Stefan Laube (Goethe-University Frankfurt/Main); Dipl.-Pol. Jan Schank (Goethe-Universität Frankfurt/M.)*

**T036.5**

**Fri 2nd Sept, 11:00; VIP**

**Democracy as usual: scientific capacity building and the epistemic orders of the Ugandan parliament**

*Dr Kerry Holden (Queen Mary University of London)*

**Cutting and calculating political authority**

*Mrs Anne Kathrine Pihl vadgaard (IT University of Copenhagen)*

**Bot for President: The Role of Social Bots in the 2016 US Presidential Elections**

*Mr Samuel Woolley (University of Washington)*

**Build it and they will (not) come: ICTs and democratic innovation in Serbia**

*Dr Ivana Damjanović (University of Belgrade - Faculty of Political Sciences)*

**T036.6**

**Sat 3rd Sept, 14:00; 115**

**Since 15M: the (contentious) technopolitical reassembling of democracy in Spain**

*Mr Antonio Calleja-López (Internet Interdisciplinary Institute/Universitat Oberta de Catalunya)*

**Social studies of publicity media? An issue-oriented perspective.**

*Mr Andreas Birkbak (University of Aalborg, Copenhagen)*

**Mapping Publics: Production of Public Interest Spatial Knowledge**

*Mr Paul Manson (Portland State University)*

**Making publics with digital artifacts? The case of the Los Angeles Times' "Homicide Report"**

*Dr Sylvain Parasie (University of Paris Est); Dr Jean-Philippe Cointet*

**T036.7**

**Sat 3rd Sept, 16:00; 115**

**Connected crowds: networks and politics of anybody**

*Dr Guiomar Rovira-Sancho (Metropolitan Autonomous University)*

**Collective Intelligence: Politics and Citizenship in the 'More-than-Human' City**

*Mr Casey Lynch (University of Arizona)*

**International Policy Orthodoxy and the Coordination of Multiplicity: Translating Reform Agendas at the World Bank**

*Dr Patrick Coupar (Birkbeck, University of London)*

**Binding Responsibility in DRR - "Documenting" the Sendai Framework**

*Ms Christie Oh (University of Toronto); Gabby Resch (University of Toronto); Gabby Resch (University of Toronto); Gabby Resch (University of Toronto)*

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## **T037. STS and Artistic Research**

**Convenors:** Dr Henk Borgdorff (Leiden University); Dr Peter Peters (Faculty of Arts & Social Sciences Maastricht University); Prof Trevor Pinch (Cornell University)

This track explores STS research on the arts and Artistic Research. It covers studies of artistic practices; reflexive practitioners at the boundaries between the arts and science, technology, and medicine; arts-based research methods; and enhanced modes of publication.

### **T037.1 Art/Knowledge**

**Thu 1st Sept, 11:00; 118**

#### **Reasoning through Art**

*Dr Henk Borgdorff (Leiden University)*

#### **What is an instrument? Artistic Research and Natural Science**

*Prof Esa Kirkkopelto (University of the Arts Helsinki)*

#### **Material Systems as Art Practice and Method**

*Mr Jon Pigott (Cardiff Metropolitan University)*

#### **Alternative Historicities**

*Dr Michael Schwab*

#### **A thought experiment on the craft of artistic research**

*Dr Ruth Benschop (Zuyd University of Applied Sciences)*

### **T037.2 Bodies/Ecologies**

**Thu 1st Sept, 14:00; 118**

#### **Everything will be screen**

*Dr Claude Draude (Maria-Goeppert-Mayer Chair "Gender, Technology & Mobility")*

#### **The Eye Doesn't Click - Eyetracking and Digital Content Interaction**

*Mr Onur Ferhat (Computer Vision Center); Dr Fernando Vilarino (Autonomous University of Barcelona); Dr Dan Norton (Computer Vision Centre)*

#### **Emerging Post-Digital Methods of Artistic Production**

*Ms Michelle Kasprzak (Madeira Interactive Technologies Institute)*

#### **The catastrophe of the encounter - experimenting with arts, sciences and climate change**

*Dr Carolina Rodrigues (Universidade Estadual de Campinas (UNICAMP))*

#### **'Trust me I'm an Artist': exploring the world of BioArt as a boundary object**

*Miss Afke Betten (VU University Amsterdam); Dr Frank Kupper (VU University Amsterdam); Prof Jacqueline Broerse (VU University Amsterdam)*

### **T037.3 Landscapes/Geographies**

**Thu 1st Sept, 16:00; 118**

#### **The Observatory: An approach to the interpretation of landscapes and embodied geographies.**

*Miss Alexandra Draghici (Trent University)*

#### **Representing Infrastructure: Labor, Distribution and the Intermission in South Asian Cinema**

*Mr Karl Mendonca (University of California, Santa Cruz)*

#### **The Technology of New Year Paintings and Its Consumption Culture: A case study on An Inter-construction Perspective**

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*Miss Chen Xiang (Tsinghua University)*

**Botanizing Belgrade Asphalt: Ethnographic Sensibility Training as Delicate Empiricism**

*Dr Marko Zivkovic (University of Alberta)*

**Incubations: Research between Art and STS**

*Dr Michael Guggenheim (Goldsmiths); Dr Bernd Kraeftner; Ms Judith Kroell*

**T037.4 Technology/Interactivity**

**Sat 3rd Sept, 09:00; 111**

**On becoming precarious. Approaching the interface in new artistic practices**

*Ms Desiree Foerster (University Potsdam)*

**Art, Science and Technology: action and perception within interactive systems**

*Dr Andreia Machado Oliveira (U.F.S.M.); Dr Gabriel Kolton (ESPM); Mr Felix Rebolledo-Palazuelos (UFRGS)*

**Authorship as a Lens in Technology and the Arts**

*Mr Vygandas Vegas Simbelis (Mobile Life / KTH)*

**Alchemical Craft: The use of Smart Materials in Contemporary Jewellery**

*Ms Katharina Vones (Edinburgh Napier University)*

**T037.5 Sound/Music**

**Sat 3rd Sept, 11:00; 111**

**Sounding Funk: Experiments with Aural Representations of Fieldwork**

*Dr Alexandra Lippman (UC Davis)*

**Digital Baroque: Pipe organs as Instruments of Artistic Knowledge**

*Dr Peter Peters (Faculty of Arts & Social Sciences Maastricht University)*

**Listening on Display. Exhibiting 'Klangkunst' 1980s-2000s**

*Mrs Linnea Semmerling (Maastricht University)*

**The (un-)sound public experiment: on the artifice of research exhibitions**

*Dr Laurie Waller (Technische Universität München)*

**T037.6 Visual/Video**

**Sat 3rd Sept, 14:00; 111**

**Drawing and the 'depictive turn' in science**

*Dr Sarah Casey (Lancaster University); Mr Gerry Davies (Lancaster university)*

**Aesthetics of patenting lives**

*Dr Tzung-wen Chen (National Cheng-chi University)*

**Visual art and engineering design visualizations - a cross-disciplinary project**

*Prof Yvonne Eriksson (Mälardalen University); Dr Ulrika Florin (Mälardalen University); Dr Gunilla Sivard (School of Industrial Engineering and Management)*

**Reenactment as a research strategy: video art, video analysis, and vice-versa**

*Dr Philippe Sormani (Swiss Institute in Rome)*

**T037.7 Collectives/Collaborations**

**Sat 3rd Sept, 16:00; 111**

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**Doing research by other means: the example of artLAB**

*Prof Regula Valérie Burri (HCU Hamburg)*

**Collective making: Explorations of actor-network theory, ants, and art**

*Dr Kristian H. Nielsen (Aarhus University)*

**The role of boundary objects in artistic research. An analysis of their epistemic potential and structuring function in research environments**

*Ms Johanna Schindler (Zeppelin University)*

**T038. Antagonists, Servants, Companions: the Sciences, Technologies and Politics of Microbial Entanglements**

**Convenors:** Dr Shirlene Badger (University of Cambridge); Dr Catherine Will (University of Sussex); Dr Sujatha Raman (University of Nottingham); Dr Kate Weiner (University of Sheffield)

How are microbes and antimicrobial technologies represented, erased, engineered or (re)imagined in scientific work, technological interventions and public and policy developments today and in the past?

**T038.1**

**Fri 2nd Sept, 16:00; 124**

**What is 'good doctoring' in the perspective of antimicrobial resistance?**

*Prof Inge Kryger Pedersen (University of Copenhagen)*

**How do UK media sources and the public frame Antimicrobial Resistance?**

*Miss Stephanie Begemann (Liverpool University)*

**A problem of attachment? Engaging people with antibiotic stewardship**

*Dr Catherine Will (University of Sussex)*

**Anticipating Antimicrobial Resistance Futures: Follow the Problem or the Object?**

*Dr Sujatha Raman (University of Nottingham)*

**T038.2**

**Sat 3rd Sept, 09:00; 124**

**The Microbiopolitics of the Mundane Bacterium: Part of the Normal Flora or Flesh-Eating Enemy**

*Miss Hedvig Gröndal (Faculty of Social Sciences)*

**The 'second genome': Individualisation, innovation, and inequalities in microbiome science**

*Miss Andrea Núñez Casal (Goldsmiths, University of London); Dr Waleska Sanabria (Pontifical Catholic University, Ponce, Puerto Rico)*

**Entangled with (synthetic) yeast**

*Dr Jane Calvert (University of Edinburgh)*

**T040. Cybersecurity & digital territory: Nation, Identity, and Citizenship**

**Convenors:** Dr Norma Möllers (Queen's University); Dr Winifred Poster

**Fri 2nd Sept, 11:00; 112b**

The aim of this session is to explore cybersecurity as it configures and touches upon intersecting issues of national (in)security, national economy, and citizenship. We particularly welcome feminist, critical race, and post-colonial perspectives on cybersecurity.

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**Proximate Evil: Algorithmic Detectives and the New Digital Surveillance of Child Abuse**

*Mitali Thakor (MIT)*

**Cybersecurity, America's 'War on Terror' and the Disappearing Citizen**

*Dr Victoria Bernal (University of California, Irvine)*

**Cybernetics, Technology, and Nation-Making in the U.S. Borderlands**

*Mr Iván Chaar-López (University of Michigan)*

**Collective online trolling: The "Diba Expedition"**

*Ms Shengnan Yang (Indiana University); Dr Phina Fichman (Indiana University)*

**Cybersecurity, Borders, and Gender**

*Dr Winifred Poster*

**T041. Biosocial futures: from interaction to entanglement in the postgenomic age**

**Convenors:** Dr Maurizio Meloni (University of Sheffield); Dr Megan Warin (University of Adelaide); Dr Aryn Martin (York University)

**Chair:** Aryn Martin (York University, 1), Megan Warin (University of Adelaide, 1), Stephanie Lloyd (Université Laval, 2), Maurizio Meloni (University of Sheffield, 3)

**Thu 1st Sept, 09:00; 124**

This track seeks to bring together diverse empirical and theoretical approaches that defy the biology/society dichotomy.

**T041.1**

**Thu 1st Sept, 09:00; 124**

**The human microbiome at the intersection of culture and biology**

*Ms Gabriela Sheets (Emory University)*

**Eating in Relation to Others: Digestive Entanglements of the Human Microbiome**

*Ms Stephanie Maroney (University of California, Davis)*

**The Naturecultures of Lyme Disease in North America**

*Ms Aadita Chaudhury (York University)*

**Human-microbe relations in the clinic: antibiotics, immune hypersensitivities and asthma**

*Dr Jennie Haw (University of Guelph); Dr Kieran O'Doherty*

**Collaboration as object and method in the study of epigenetics**

*Dr Eugene Raikhel (University of Chicago); Dr Stephanie Lloyd (Université Laval)*

**T041.2**

**Thu 1st Sept, 11:00; 124**

**The uterus as a social space: epigenetics and the reproduction of environments**

*Dr Aryn Martin (York University); Dr Megan Warin (University of Adelaide)*

**Parental Responsibility, Epigenetics and DOHaD. Emerging imaginaries of reproduction in the age of epigenetics**

*Dr Luca Chiapperino (University of Lausanne); Prof Umberto Simeoni (CHUV); Prof Panese Francesco (University of Lausanne)*

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**Epigenetics and the Morbidity Gap. Imagining Biosocial Futures in Aging Research.**

*Prof Ruth Müller (TU München)*

**"The tradition of all dead generations weighs like a nightmare on the brains of the living" - an epigenetic reinterpretation**

*Dr Maurizio Meloni (University of Sheffield)*

**T041.3**

**Thu 1st Sept, 14:00; 124**

**Ordering biosocial life. Political ontologies of solidarity and responsibility.**

*Dr Kim Hendrickx (KU Leuven); Prof Ine Van Hoyweghen (KU Leuven)*

**Undoing Colonized Bodies: Leveraging Biosocial Understanding of Health Disparities for Future Generations**

*Dr Chikako Takeshita (University of California, Riverside)*

**The 'Glasgow effect': a political laboratory for localised biologies**

*Ms Maria Damjanovicova (European Institute of Oncology and University of Milan); Prof Giuseppe Testa (European Institute of Oncology and University of Milan); Dr Luca Chiapperino (University of Lausanne)*

**Bees and Biosocial Becoming: Biology, Politics and the Social in Entomology**

*Dr Richie Nimmo (University of Manchester)*

**T043. Unravelling craft, technology and practical knowledge**

**Convenors: Dr Ruth Benschop (Zuyd University of Applied Sciences); Dr Anna Harris (Maastricht University)**

*Discussant: Heather Paxson (MIT)*

This hands-on session addresses the re-conceptualisation of craft practices in contemporary life.

Through creative contributions bringing together craftspeople/practitioners/artists and academics it will explore intersections of craft and thought, making and knowing, tradition and innovation.

**T043.1**

**Sat 3rd Sept, 11:00; M212**

**Counting stitches: alternative practices of measurement to build with a changing world**

*Ms Ester Gisbert Alemany (Universidad de Alicante)*

**Co-therapeutic and co-diagnostic objects within psychiatric occupational therapy**

*Ms Julie Sascia Mewes (Humboldt University Berlin)*

**Fabricating Empirical Prints**

*Dr Kasper Ostrowski (Aarhus University)*

**Dismantling Design's Social Boundaries with Craft and Making**

*Miss Yana Boeva (York University)*

**Arts, Crafts, Anachronisms**

*Prof Gert Verschraegen (University of Antwerp); Mr Wim Wauman (AP Hogeschool)*

**T043.2**

**Sat 3rd Sept, 14:00; M212**

**Obduracy and tacitcity: Embodied knowledge and innovation**

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*Dr Annapurna Mamidipudi (University of Maastricht)*

**Knowing, making, engaging. Insights from the case of tasting**

*Mrs Anna Mann (Copenhagen University)*

**Hands and plans: achieving dialogue between traditional crafts and technological systems at a high-tech building site**

*Dr Håkon Fyhn (Norwegian University of Science and Technology); Dr Jøran Solli (Norwegian University of Science and Technology); Mr Roger Andre Søråa (NTNU: Norwegian University of Science and Technology)*

**Urban soils with a sideways glance**

*Mr Germain Meulemans (University of Aberdeen / FNRS-ULg)*

**The Maker's Chain: recognizing craft in making**

*Dr Andreas Lund (Umeå university); Prof Mikael Wiberg (Umeå University)*

## **T044. By Other means: On Complementary or Alternative Medicines (CAM)**

**Convenors: Miss Maria Wemrell (Lund University)**

*Discussant: Ayo Wahlberg (University of Copenhagen)*

Medical knowledges and technologies complementary or alternative to biomedical ones have so far received limited attention in STS. This track welcomes papers on various aspects of construction, translation, collaboration, co-existence or conflict of CAM in biomedical and/or other medical settings.

### **T044.1**

**Sat 3rd Sept, 14:00; 117a**

**Miscarriage Prevention: Point of Contact between Biomedicine and Traditional Medicine**

*Dr Wen-Ching Sung (University of Toronto)*

**A comparative analysis of formalising acupuncture and homeopathy training in the UK and Portugal: the localised dimension of professionalisation**

*Dr Assaf Givati (University of Portsmouth); Dr Joana Almeida (Royal Holloway, University of London)*

**Hearts at Risk: risk and prevention of heart disease in Scandinavian conventional and Chinese Medicine**

*Miss Maria Wemrell (Lund University)*

### **T044.2**

**Sat 3rd Sept, 16:00; 117a**

**Alternative medical devices: Rendering meridians, parasites, toxins and other invisibilities**

*Mr Jaroslav Klepal (Czech Academy of Sciences); Dr Tereza Stockelova (Institute of Sociology, Czech Academy of Sciences)*

**The proponents of Master Mineral Solution and the ineffectiveness of anti-MMS information campaigns**

*Mr Michal Stevove (University College London)*

**Reflexivity, tinkering, and good care: How CAM expertise is negotiated in runners' (self)care practices**

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*Dr Patricia Campbell (Red Deer College)*

## **T045. New Collective Practices of Measurement, Monitoring and Evidence**

**Convenors:** Dr Jennifer Gabrys (Goldsmiths, University of London); Prof Evelyn Ruppert (Goldsmiths); Prof Daniel Neyland (Goldsmiths)

While techniques of measurement and monitoring and the evidence they generate are often the monopoly of dominant institutions, this track will address the ways in which they are being challenged and reshaped by the distributed practices of numerous new actors and collectives.

### **T045.1**

**Thu 1st Sept, 16:00; 125**

#### **Ranking the 'Goods' of Care**

*Prof Roland Bal (Erasmus University Rotterdam); Dr Iris Wallenburg (Erasmus University Rotterdam)*

#### **Evidence-informed policy networks and the making of knowledge in Uganda**

*Mrs Nele Jensen (Goldsmiths)*

#### **Performing compliance: The work of local policy workers during the implementation of national health promotion guidelines**

*Miss Camilla Wimmelmann (University of Copenhagen)*

#### **Certified Risk: Brain-Mapping, Model-Building, and Stroke-Measuring**

*Ms Doyoung Lee (Korea Research Institute of Standards and Science); Prof Buham Soon Park (Korea Advanced Institute of Science and Technology (KAIST))*

### **T045.2**

**Fri 2nd Sept, 09:00; 125**

#### **Biopolitical bordering: Enacting populations as intelligible objects of government**

*Dr Stephan Scheel (Goldsmiths, University of London)*

#### **Between fait accompli and failure: tracing the contested socio-technical emergence of the EU's Smart Borders Package**

*Mr Simon Sontowski (University of Zurich)*

#### **Technological realities in the wake of the Srebrenica genocide**

*Dr Victor Toom (Goethe University)*

#### **Disruption or continuity? Emerging Big Data practices in official statistics**

*Mr Ville Takala (Goldsmiths, University of London)*

### **T045.3**

**Fri 2nd Sept, 11:00; 125**

#### **The algorithm/data thing: Four metaphors for unpacking new methods in official statistics**

*Dr Baki Cakici (Goldsmiths, University of London)*

#### **Measuring Danish pupils' well-being: An emerging numerical expertise and its contestations**

*Dr Helene Gad Ratner (University College Metropoli); Dr Christopher Gad (IT-University of Copenhagen)*

#### **The Challenging Measurement of Gender Equality in the Academia**

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*Dr Anne-Sophie Godfroy (Université Paris Sorbonne)*

### **The Struggle to Measure 'Teacher Quality'**

*Dr Radhika Gorur (Deakin University)*

## **T045.4**

**Fri 2nd Sept, 14:00; 125**

### **Monitoring pollution with local communities and lichens in the Fos-sur-mer industrial area (France)**

*Dr Christelle Gramaglia (IRSTEA); Mr Philippe Chamaret (Institut Ecocitoyen pour la Connaissance des Pollutions)*

### **Instruments and Instrumentality: Citizen Sensing and the Entangled Operations of Environmental Change**

*Ms Helen Pritchard (Goldsmiths, University of London); Dr Jennifer Gabrys (Goldsmiths, University of London)*

### **Radiation measurement movement by citizen after Fukushima Accident in Japan.**

*Dr Nozomi Mizushima (The Graduate University for Advanced Studies (SOKENDAI))*

### **Measuring Disasters: from context to distributed interactions**

*Ms Katrina Petersen (Lancaster University)*

### **Crisis Mapping, Participatory Monitoring, and the Problem of Perceptual Indeterminacy**

*Dr Greg Siegel (University of California, Santa Barbara)*

## **T045.5**

**Fri 2nd Sept, 16:00; 125**

### **The qualities of imperfection: Experimental practices in official statistics**

*Dr Francisca Grommé (Goldsmiths, University of London)*

### **Data Infrastructure Literacy: Reshaping Practices of Measurement, Monitoring and Evidence**

*Mr Jonathan Gray (University of Amsterdam); Ms Carolin Gerlitz (University of Amsterdam); Miss Liliana Bounegru (University of Groningen and University of Ghent)*

### **The Politics of Small Numbers: emergent forms of collective evidence production and "data activism" among people with rare diseases**

*Dr Trenholme Junghans (University of Cambridge)*

### **Open Source Intelligence as a form of data activism**

*Ms Lonneke van der Velden (University of Amsterdam)*

## **T046. New Technologies, social practices and social conflict - sustainable energy transitions as a field of contention**

**Convenors: Dr Gerhard Fuchs (University of Stuttgart)**

Papers dealing with cases of contention, cognitive frames underlying the conflicts, processes of coalition formation, the analysis of forms of protest related to electricity transitions are being solicited.

## **T046.1**

**Sat 3rd Sept, 09:00; M213**

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**Multi-level analysis of German and UK low-carbon electricity transitions (1990-2014)**

*Prof Frank Geels (Manchester Institute of Innovation Research); Dr Gerhard Fuchs (University of Stuttgart); Ms Nele Hinderer (University of Stuttgart); Dr Florian Kern (University of Sussex)*

**The contestation of wind energy in Germany and the discursive construction of a 'people's movement': Analysing local conflicts about wind energy use**

*Bleta Arifi (Albert-Ludwigs University Freiburg); Dr Georg Winkel (European Forest Institute)*

**Social contention in Denmark over alternative wind power development paths**

*Dr Sophie Nyborg (Technical University of Denmark (DTU)); Mrs Julia Kirch Kirkegaard (Technical University of Denmark); Dr Laura Tolnov Clausen (Copenhagen University); Mr Michael Soegaard Joergensen (Technical University of Denmark); Dr David Rudolph (Technical University of Denmark)*

**Unraveling contention in transition framings in Finnish energy discussions**

*Ms Kamilla Karhunmaa (Helsinki University)*

**A Workbook for a Rational Debate and Sustainable Energy Transition**

*Prof Ariyoshi Kusumi (Chukyo University)*

**T046.2**

**Sat 3rd Sept, 11:00; M213**

**Conflicts about a local wind energy project - Emergence, causes and impact**

*Ms Ulrike Fettke (Universität Stuttgart)*

**Exploring the transformative potential of renewable energy initiatives**

*Ms Antonia Proka (Dutch Research Institute for Transitions); Dr Matthijs Hisschemoller (Erasmus University Rotterdam); Prof derk Loorbach (Erasmus University Rotterdam)*

**The technopolitics of the energy transition in Taiwan: The case of power shortage**

*Mr Chihyuan Yang (Lancaster University)*

**16000 feet under: territories and meanings of deep geothermal energy**

*Dr Philippe Chavot (Université de Strasbourg); Dr Yeny Serrano (University of Strasbourg); Dr Anne Masseran (Université de Strasbourg)*

**Visions of interconnectedness or disconnectedness- tracing emerging social tension and coalitions in the transition towards new electricity systems**

*Miss Kristina Hojkova (Chalmers University of Technology); Prof Björn Sandén (Chalmers university of technology)*

**T047. The field and the farm in the production of biomedical knowledge**

**Convenors: Dr Dmitry Myelnikov (University of Edinburgh); Dr Miguel Garcia-Sancho (University of Edinburgh)**

Experimental breeding fields and farms are unexplored sties of biomedical research. In them, animals and plants interact with humans in the production of knowledge applied to health and agriculture. We welcome contributions on any aspect of animal and plant research, from genetics to biotechnology.

**T047.1**

**Fri 2nd Sept, 14:00; ; 122**

**The "Inheritance Coefficient:" Harry Laughlin and the Eugenics Record Office's Obsession with Thoroughbred Horses**

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*Mr Brian Tyrrell (University of California, Santa Barbara)*

**What do these cattle do in a biomedical research center?**

*Dr François Thoreau (University of Liege)*

**Emerging markets of 'genomic knowledge' within livestock breeding**

*Mrs Annika Lonkila (University of Eastern Finland)*

## **T047.2**

**Fri 2nd Sept, 16:00; 122**

**Wheat as a scientific object: experimental breeding in transit**

*Dr María J Santesmases (Consejo Superior de Investigaciones Científicas (CSIC))*

**Cuts and the cutting edge: the making of agricultural biotechnology in 1980s Edinburgh**

*Dr Dmitriy Myelnikov (University of Edinburgh)*

**Testing for Bovine Tuberculosis: Farm Realities or Convenient Untruth?**

*Ms Jess Phoenix (Lancaster University)*

**Biosecurity and aquaculture in Singapore**

*Ms Delfinn Tan (Nanyang Technological University)*

## **T048. Back to the future: STS and the (lost) security research agenda**

**Convenors: Dr Elvira Santiago (National Research Council (CSIC)); Dr Vincenzo Pavone (Consejo Superior de Investigaciones Científicas)**

*Discussant: Georgios Kolliarakis (University of Frankfurt, 1), Kjetil Rommetveit (University of Bergen, 2)*

The STS community has a circumscribed interest in security. While STS scholars have focused on privacy and surveillance research, this panel addresses neglected areas of security, such as security as a practice, alternatives to techno-security, the security industrial complex and (in)security.

## **T048.1**

**Fri 2nd Sept, 11:00; 119**

**Teargas Epistemology**

*Prof Brian Balmer (University College London); Dr Alex Spelling (UCL); Dr Caitriona McLeish (University of Sussex)*

**The Median Estate. Breaking down boundaries and reconstituting rights**

*Dr Kjetil Rommetveit (University of Bergen); Dr Niels van Dijk (VUB)*

**Formation of the War on Terror: Reflexivity between International Legal Discourse and Security Expertise**

*Mr Ken Kawamura (Japan Society for the Promotion of Science)*

**Innovating to Manage an Never Occurred security issue: Plant Pathologists and Their Assessment of Agro-Terrorist Threats**

*Dr Vincent Cardon (University of Amiens); Dr Marc Barbier (INRA)*

**High-tech versus old-fashioned: Nairobi security practices and their threatening subjects**

*Francesco Colona (University of Amsterdam)*

## **T048.2**

**Fri 2nd Sept, 14:00; 119**

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**Days of Future Present? Socio-Technical Imaginaries of Future Catastrophes in Austrian Critical Infrastructure Protection**

*Ms Nina Witjes (Technical University Munich); Ms Sarah Ponesch (Austrian Institute for International Affairs - OIIP)*

**Imagining, Reimagining, and Performing National Security: the Sociotechnical Imaginary of Evil**

*Dr Natalie Baker (Virginia Commonwealth University)*

**The social and political construction of security technologies: The case of drones**

*Mr Clemens Binder (Austrian Institute for International Affairs)*

**Security Studies Borderlands**

*Dr Linda Madsen (University of Freiburg)*

**T049. STS and normativity: analyzing and enacting values**

**Convenors:** Prof Dick Willems (AMC/University of Amsterdam); Dr Mette N. Svendsen (University of Copenhagen); Prof Jeannette Pols (AMC/ UvA)

Recently, normativity-in-the-making has emerged as a concern in STS research. This track invites papers on empirical studies on values and/ or on the normativity that STS researchers produce when writing about these practices.

**T049.1**

*Fri 2nd Sept, 09:00; 132*

**The potentially fit - enacting value in old age**

*Miss Malene Bødker (University of Copenhagen)*

**Valuing Life's Ends: Old Age in Postsocialist Poland**

*Dr Jessica Robbins-Ruszkowski (Wayne State University)*

**Institutional Technologies: Studying and Shifting the "Value" of Elderly Persons**

*Ms Lillian Prueher (University of Washington)*

**"But the robot cannot refill the plate like a hostess normally does"**

*Mrs Maja Hojer Bruun (Aalborg University)*

**Friendship at the Margins: Practicing Value and Personhood in the Face of Dementia**

*Prof Janelle Taylor (University of Washington)*

**T049.2**

*Fri 2nd Sept, 11:00; 132*

**Making and Doing: Engagement and Reflexive Learning in STS**

*Dr Teun Zuiderent-Jerak (Linköping University); Prof Gary Downey (Virginia Tech)*

**Unruly bodies and palliative care: presencing selflessness**

*Dr Bernike Pasveer (Maastricht University)*

**The quantification of the good life**

*Prof Dick Willems (AMC/University of Amsterdam); Dr Erik Olsman (Academic Medical Center, University of Amsterdam); Drs Marga Nieuwenhuijse (AMC)*

**Ethics by neurological means: moral repertoires of a plastic brain**

*Mr Ties van de Werff (Maastricht University)*

**Judging genomics: The role of STS critique in an era of complexity**

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*Dr Nicole Nelson (University of Wisconsin Madison)*

### **T049.3**

***Fri 2nd Sept, 14:00; 132***

**Life with a View: Worth, Temporality and Substitution across Species and Spaces**

*Dr Mette N. Svendsen (University of Copenhagen); Mrs Laura Navne (University of Copenhagen); Ms Mie Seest Dam (University of Copenhagen); Ms Iben Gjødsbøl (University of Copenhagen)*

**Being-with-incontinence. Exploring relations between skill and values in care practices**

*Dr Maartje Hoogsteyns (Academic Medical Centre)*

**Diagnosing Attention Deficit/Hyperactivity Disorder with Normative Uncertainties**

*Prof Fan-Tzu Tseng (Fu-Jen Catholic University)*

**The morality of knowledge claims: negotiating motherhood and expertise in discussions on ADHD**

*Prof Hedwig te Molder (University of Twente); Miss Wytse Versteeg (University of Twente)*

**Nursing telecare practices craft new nursing knowledge**

*Ms Annemarie van Hout (Windesheim University of Applied sciences)*

### **T049.4**

***Sat 3rd Sept, 11:00; 120***

**STS goes normative. Exploring values, crafting the good.**

*Prof Jeannette Pols (AMC/ UvA)*

**Economic Inequality: Science and/or Morality**

*Prof Raphael Sassower (University of Colorado, Colorado Springs)*

**Modulating values by managing human and animal faces: Considering technologies of (ef)acement**

*Dr Sophia Efsthathiou (NTNU)*

**Non-innocent norms: Normativity within activist, research and theoretical conceptualisations of care within the primate laboratory**

*Dr Eva Haifa Sarah Giraud (Keele University)*

**Being a skilled human. The values enacted by accreditation agencies who evaluate internationalisation in higher education**

*Mrs Antoinette De bont (EUR)*

## **T050. Conceptualizing transformational change in energy systems and the built environment**

**Convenors:** Prof Jenny Palm (Linköping University); Dr Michael Ornetzeder (Austrian Academy of Sciences); Dr Eva Heiskanen (University of Helsinki); Prof Harald Rohrer (Linköping University); Prof Thomas Berker (Norwegian University of Science and Technology)

**Chair:** Harald Rohrer (Linköping University, 1), Eva Heiskanen (University of Helsinki, 2), Michael Ornetzeder (Austrian Academy of Sciences, 3), Thomas Berker (Norwegian University of Science and Technology, 4)

This session brings concepts of transformational socio-technical change in the energy system and built environment in conversation with each other. How are transition studies, practice theory or

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assemblage theory differing in questions of agency, governance or the collectives they are articulating?

### **T050.1**

**Fri 2nd Sept, 11:00; 123**

#### **Categorizing translation strategies for smart eco-city development**

*Dr Maj-Britt Quitzau (AAU CPH); Mr Jens-Phillip Petersen (Technical University of Denmark)*

#### **Rethinking transformation to face climate change. Insights an energy grassroots experience**

*Miss Victoria Pellicer Sifres (Universitat Politècnica de València); Dr Sergio Belda Miquel (Universitat Politècnica de València); Prof Alejandra Boni*

#### **Community-based intermediaries and the local embedding of energy technologies**

*Dr Jake Barnes (University of Sussex)*

#### **Building urban sustainable green niches - multi-level niche development in Vancouver, Canada**

*Dr Kirstie O'Neill (University of Hull); Dr Julia Affolderbach*

### **T050.2**

**Fri 2nd Sept, 14:00; 123**

#### **Creating useful data input in building energy models**

*Dr Maria Eidenskog (Department of Thematic Studies)*

#### **Long-winded UK zero carbon building transition: From acceleration to halt?**

*Dr Paula Kivimaa (University of Sussex); Dr Mari Martiskainen (Centre on Innovation and Energy Demand)*

#### **'Cost-optimality' in the Energy Performance of Buildings Directive: policy controversies**

*Mr Johan Niskanen (Linköping University)*

#### **The connectivity of innovation in sustainable building construction - what roles for wood?**

*Prof Kjell Tryggstad (Hedmark University College); Cand. polit. Kristin Stevik (Hedmark University College); Dr Erik Bjurström (Hedmark University of Applied Science); Mr Per Soeberg (Hedmark University College)*

### **T050.3**

**Fri 2nd Sept, 16:00; 123**

#### **Analysis of transition to sustainable biojet-fuel by actor-network-theory**

*Dr Nobuko Ueno (New Energy and Industrial Technology Development Organization (NEDO))*

#### **Redesigning the Pathway - Power and politics of the German Energy Transition**

*Dr Mario Neukirch (Institute of Social Sciences, University of Stuttgart)*

#### **What do outsiders learn from experiments?**

*Dr Eva Heiskanen (University of Helsinki); Dr Kaisa Matschoss (University of Helsinki)*

#### **The politics of energy pilot projects**

*Prof Harald Rohrer (Linköping University); Mrs Anna Wallsten (Technology and Social Change); Prof Thomas Berker (Norwegian University of Science and Technology)*

### **T050.4**

**Sat 3rd Sept, 09:00; 123**

#### **Energy transitions: Arenas, agency and processes**

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*Dr Tomas Moe Skjølsvold (Norwegian University of science and technology)*

**Transformative Change - Sociological Perspectives on the Emergence of New Structures and the German Electricity Transition**

*Dr Gerhard Fuchs (University of Stuttgart)*

**Actor landscapes and agency in energy innovation and transition processes**

*Prof Mads Borup (Technical University of Denmark)*

**Towards a framework for energy system transformation research**

*Dr Michael Ornetzeder (Austrian Academy of Sciences)*

**Towards a negotiation between disciplines in the development of electrical grids**

*Dr Grégoire Wallenborn (Université Libre de Bruxelles)*

## **T051. Feminist Postcolonial STS**

**Convenors: Prof Sandra Harding (UCLA); Dr Anne Pollock (Georgia Tech); Dr Laura Foster (Indiana University)**

We invite empirical and theoretical contributions feminist, postcolonial, and STS analysis. This track seeks to generate new networks and conversations to interrogate the dis/connections across these three fields and to establish what might loosely be called a feminist, postcolonial, STS approach.

### **T051.1**

***Fri 2nd Sept, 09:00; 133***

**Colonial Legacies, Postcolonial Biologies**

*Dr Banu Subramaniam (UMass Amherst)*

**Decolonizing methods in transdisciplinary projects of (Bio-)Diversity?**

*Dr Marion Mangelsdorf (Albert-Ludwigs-Universität Freiburg)*

**Modern Cosmologies: Postcolonizing STS through Magical Realism**

*Dr James Malazita (Rensselaer Polytechnic Institute)*

**Studying Down to Study Up, Sideways and Through: Positionality and Power in Feminist Postcolonial STS**

*Dr Logan Williams (Michigan State University)*

### **T051.2**

***Fri 2nd Sept, 11:00; 133***

**Biogenetic Belonging: Genetic Ancestry Testing in South Africa**

*Dr Laura Foster (Indiana University)*

**Rethinking the "Nature" of Sexuality: The Scientific Evidence for Homosexuality in Uganda**

*Mr Jia-Hui Lee (Massachusetts Institute of Technology)*

**How are Asian Indian faculty members perceived in the US? Examining Stereotypes and Cultural Values**

*Dr Meghna Sabharwal (The University of Texas at Dallas); Prof Roli Varma (University of New Mexico); Ms Elissa Colich (University of Texas at Dallas)*

**Monitoring immigrant integration: the reproduction of 'European Others' and imagination of national societies**

*Ms Sanne Boersma (Erasmus University Rotterdam)*

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**Women and the Urban Sanitation challenge: A technofeminist approach towards urban infrastructure planning in cities of East Africa**

*Miss Anshika Suri (Technical University of Darmstadt, Germany)*

**T051.3**

**Fri 2nd Sept, 14:00; 133**

**A Synthetic Chemistry Site for Feminist Postcolonial Theorizing**

*Dr Anne Pollock (Georgia Tech)*

**Tiny Feminisms: Decolonizing Building Sciences in the Do-It-Yourself Tiny House Movement**

*Dr Evangeline (Vange) Heiliger (Oberlin College)*

**When gender and technology matter in a data journalism startup**

*Dr Candis Callison (University of British Columbia); Dr Mary Lynn Young (University of British Columbia)*

**Health at her fingertips: development, gender and empowering mobile technologies**

*Mrs Marine Al Dahdah (Paris Descartes - Sorbonne University - IFRIS)*

**Germline Ruptures: Methyl Isocyanate Gas and Transpositions of Life, Death, and Matter in Bhopal**

*Dr Deboleena Roy (Emory University)*

**T051.4**

**Fri 2nd Sept, 16:00; 133**

**The Politics of Reproductive Rights and Assisted Reproductive Technologies in South Korea**

*Ms Sunhye Kim (University Of Maryland)*

**Reproducing Inequalities: Long-Acting Reversible Contraception (LARC) Promotion and the Urgency of Feminist Postcolonial STS**

*Dr Patrick Grzanka (University of Tennessee); Dr Jenny Brian (Arizona State University)*

**Nourishing relations: feminist postcolonial STS approaches to global health**

*Dr Ramah McKay (University of Pennsylvania)*

**T054. Digital subjectivities in the global context: new technologies of the self**

**Convenors: Dr Luke Stark (Dartmouth College); Dr Marisa Brandt (Michigan State University); Ms Beth Semel (MIT)**

This track explores digital tools for subject formation in a global context. It interrogates the transnational histories, present and futures of digital media as means for shaping individual and collective subjectivity, and complicating global divisions and inequalities of wealth, access, and power.

**T054.1**

**Sat 3rd Sept, 11:00; 113**

**Self-management and quantified-self: how diabetes apps foster monitoring**

*Mrs Barbara Morsello (Roma Tre University); Mrs Veronica Moretti (University of Bologna)*

**There's an ENTJ For That: The Meyers-Briggs Personality Scale and Convergent Digital Subjectivities**

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*Dr Luke Stark (Dartmouth College)*

**Digital technologies and the reconfiguration of health experiences and practices**

*Dr Benjamin Marent (University of Brighton)*

**Happiness as a Measure of Progress: Digital tools of policy making**

*Miss Anat Noa Fanti (Bar Ilan U.)*

## **T054.2**

**Sat 3rd Sept, 14:00; 113**

**The Digital Revolution in Financial(ised) Inclusion**

*Dr Sally Brooks (University of York); Dr Daniela Gabor*

**We Are Anonymous: Genealogy of a Transgressive Digital Subjectification Platform**

*Mr Pedro Jacobetty (UOC)*

**Reaching the Next Billion: the case of Free Basics in India**

*Ms Noopur Raval (UC, Irvine)*

**Tracking a Self-tracking device: expectations and practices of a bicycle support project in the city of Santiago of Chile**

*Mr Matías Valderrama (Pontificia Universidad Católica de Chile); Dr Martin Tironi (Pontificia Universidad Católica de Chile)*

## **T054.3**

**Sat 3rd Sept, 16:00; 113**

**"There might be someone who is monitoring you": Enacting privacy boundaries in a mobile health intervention**

*Ms Kristin Dew (University of Washington)*

**Bye, fantasmur!: Minitel's animateurs and the prehistory of cyborg affective labor**

*Mr Jeff Nagy (Stanford University)*

**Intimacies in Collaborative Survival: Gay Geolocative Dating Apps in Manila**

*Mr Paul Michael Leonardo Atienza (University of Illinois, Urbana-Champaign)*

**Quantifying Sex: Technology, Capital, and Self in Live Cam Performances**

*Ms Marika Cifor (University of California, Los Angeles); Ms Kristin Way (University of California, Los Angeles)*

**Digital Subjects in the Graphical Interface of Pornography**

*Prof Patrick Keilty (University of Toronto)*

## **T056. Socio-technical Futures Shaping the Present - Empirical Examples and Analytical Challenges in STS and Technology Assessment**

**Convenors:** Dr Martin Meister (TU Berlin); Prof Armin Grunwald (Karlsruhe Institute of Technology - KIT); Dr Andreas Lösch (Karlsruhe Institute of Technology); Prof Ingo Schulz-Schaeffer (Technical University of Berlin)

**Chair:** Martin Meister (TU Berlin, 1), Andreas Lösch (Karlsruhe Institute of Technology, 2), Ingo Schulz-Schaeffer (Technical University of Berlin, 3)

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In our track we want to provide a forum for mutual inspiration for different strands of research in STS and TA that address the different roles of socio-technical futures in shaping the present. As possible contributions we address empirical examples as well as analytical proposals.

### **T056.1**

**Thu 1st Sept, 14:00; 123**

#### **Shaping the present by creating pictures of the future?**

*Prof Armin Grunwald (Karlsruhe Institute of Technology - KIT)*

#### **Socio-Technical Futures for Parliamentary Research: Building a Foresight Service for the European Parliament**

*Dr Philip Boucher (European Parliament)*

#### **Science, State and Citizen in Visions of the Bioeconomy**

*Ms Tess Doezema (Arizona State University); Dr J. Benjamin Hurlbut (Arizona State University)*

#### **The naming of the beast: a critique of visions of technological rich futures**

*Dr Nasrine Olson (University of Borås); Prof Jan Nolin (Swedish School of Library and Information Science)*

#### **Reflexive hermeneutics against closing down TA discourses: a case of synthetic biology**

*Dr Go Yoshizawa (Osaka University)*

### **T056.2**

**Thu 1st Sept, 16:00; 123**

#### **How engineers derive requirements from situational scenarios - the basic mechanism**

*Dr Martin Meister (TU Berlin); Prof Ingo Schulz-Schaeffer (Technical University of Berlin)*

#### **A Typology of Socio-technical Futures: Performativity of Scenarios, Simulations, Prototypes**

*Mrs Mariya Dzhimova (Munich Center for Technology in Society)*

#### **How Smart City futures are shaping urban planning today - and what urban studies can tell us about the impacts of (past) urban futures**

*Dr Philipp Späth (Freiburg University)*

#### **Managing the Future: The Special Virus Leukemia Program**

*Prof Robin Scheffler (MIT)*

#### **The Function and Implications of "Future" in Robotics Research**

*Mr Andreas Bischof (Chemnitz University of Technology)*

### **T056.3**

**Fri 2nd Sept, 09:00; 123**

#### **Visions as socio-epistemic practices shaping the present**

*Dr Andreas Lösch (Karlsruhe Institute of Technology); Mr Reinhard Heil (ITAS/KIT)*

#### **The organizational enactment of socio-technical futures. The case of "Industrie 4.0" in Germany.**

*Dr Uli Meyer (Technische Universität München)*

#### **Visions of In Vitro Meat: Shaping the Future of Food**

*Ms Inge Böhm (Karlsruhe Institute of Technology (KIT)); Dr Arianna Ferrari (ITAS/KIT); Ms Silvia Woll (Karlsruhe Institute of Technology (KIT))*

#### **Proposal of Applying Constructive Technology Assessment to the Autonomous Car**

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*Dr Keita Sugihara (NANZAN UNIVERSITY)*

## **T057. Non-conforming bodies: an exploration of public health knowledge, practice and technologies beyond 'the body'**

**Convenors:** Ms Fay Dennis (London School of Hygiene and Tropical Medicine); Dr Emma Garnett (London School of Hygiene and Tropical Medicine)

This track invites presentations which explore non-conforming bodies in public health knowledge, practice and technologies. We are interested in opening up dialogue on how bodies get enacted beyond their boundaries and thereby confront normative imaginings of 'the body'.

### **T057.1**

***Thu 1st Sept, 09:00; 125***

#### **Fluid Bodies**

*Dr Julie Laplante (University of Ottawa)*

#### **Deconstructing diagnostics: a critical epidemiology of sleeping sickness in Uganda**

*Miss Shona Jane Lee (University of Edinburgh)*

#### **No Heroics, Please: Renderings and Disruptions of Bodies in Organ Donation Medical Practices**

*Miss Sara Bea (University of Edinburgh)*

#### **Non-Suicidal Self-Injury as multiple: Privileging practice over bodies**

*Miss Emily Kirbyson (University of Lethbridge)*

### **T057.2**

***Thu 1st Sept, 11:00; 125***

#### **Science as 'not-violence': Producing multiple understandings of addicted bodies**

*Mr Joseph Guisti (Northwestern University)*

#### **Between Desert and Tundra: Nutritional Realities of the Svalbard Vault**

*Ms Lilah Leopold (University of Illinois at Urbana-Champaign)*

#### **Producing the drug-addicted neonatal body**

*Dr Amy Chandler (University of Lincoln); Dr Anne Whittaker (Edinburgh Napier University); Prof Sarah Cunningham-Burley (University of Edinburgh)*

#### **The embodiment of conflict. Signing and non signing practices in Dutch elderly deaf people**

*Dr Anja Hiddinga (University of Amsterdam)*

### **T057.3**

***Thu 1st Sept, 14:00; 125***

#### **Nonconformity in the Face of HIV**

*Dr Annette-Carina van der Zaag (Goldsmiths); Ms Ulla McKnight (Goldsmiths, University of London)*

#### **Malaria multiple: bodies, practices, and public health knowledge**

*Mrs Luciane Machado Freitas de Souza (University of Ottawa)*

#### **Aligning population knowledge with care of fat bodies**

*Dr Patricia Thille (University of Toronto & University Health Network)*

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## **T058. Biorisk Intelligence otherwise: Scenarios, Visual Knowledge and new Mechanisms of Surveillance**

**Convenors:** Mr Enrique Baleriola (Universitat Autònoma de Barcelona); Dr Swen Seebach (UAB (Autonomous University Barcelona)); Dr Francisco Tirado (Universitat Autònoma de Barcelona); Mx Jose Cañada (University of Helsinki)

Fictional scenarios, visual knowledge and new technologies have changed epidemiology and preventive medicine. All three dimensions show that a new intelligence and a new form of governmentality about biorisk and future threats.

### **T058.1**

**Fri 2nd Sept, 11:00; 134**

**Standby governance and empty networks: preparedness for global biological threats**

*Mx Jose Cañada (University of Helsinki)*

**Images and State of Emergency in Biological Treats**

*Mr Enrique Baleriola (Universitat Autònoma de Barcelona); Mr Marco Maureira (Autonomous University of Barcelona); Mr Pedro Torrejón Cano (Universidad Autónoma de Barcelona); Miss Clara Méndez Hernández (Universitat Autònoma de Barcelona)*

**Between Panic and Panic - Fear as a Dangerous Balance in Epidemic Governance**

*Dr Swen Seebach (UAB (Autonomous University Barcelona)); Mr Marco Maureira (Autonomous University of Barcelona); Mr Pedro Torrejón Cano (Universidad Autónoma de Barcelona); Miss Clara Méndez Hernández (Universitat Autònoma de Barcelona)*

**Scenarios as modes of existence in knowledge about biological threats**

*Dr Francisco Tirado (Universitat Autònoma de Barcelona); Mr Marco Maureira (Autonomous University of Barcelona); Mr Enrique Baleriola (Universitat Autònoma de Barcelona); Mrs Mariana Gavris (Autonomous University of Barcelona)*

**Biosrisk Interventions as creative ontoecologies.**

*Miss Mara Dicenta (Rensselaer Polytechnic Institute)*

### **T058.2**

**Fri 2nd Sept, 14:00; 134**

**Western cities and the framing of pandemic risk**

*Dr Elisa Pieri (University of Manchester)*

**Biopolitical surveillance and acceleration: the case of Explicit Health Guarantees Regime (GES) in Chile.**

*Dr Jorge Castillo-Sepúlveda (University of Santiago de Chile); Dr María Isabel Reyes Espejo (Pontificia Universidad Católica de Valparaíso)*

**Alternative actors and their relevance for emergency warning systems**

*Mrs Mariana Gavris (Autonomous University of Barcelona); Dr Swen Seebach (UAB (Autonomous University Barcelona)); Mr Pedro Torrejón Cano (Universidad Autónoma de Barcelona); Dr Francisco Tirado (Universitat Autònoma de Barcelona)*

**Bio-objectifying air through technoscientific practices**

*Prof Attila Bruni (Trento University)*

## **T059. Making Worlds: Feminist STS and everyday technoscience**

**Convenors:** Dr Kara Wentworth (University of California San Diego); Dr Monica Hoffman (University of California San Diego)

This track invites papers informed by feminist science studies scholarship on how worlds are made through everyday and more-than-human practices. We welcome both traditional and experimental presentations exploring the processes and uneven consequences of technoscientific world-making.

### **T059.1**

**Thu 1st Sept, 09:00; 127**

**(Mis)matches between sex education and needs of youth**

*Marijke Naezer (Radboud University); Dr Els Rommes (Institute for gender studies)*

**Disciplining the Observer: Implications of Eye Tracking Software on Legal Reasoning**

*Dr Kelli Moore (New York University)*

**Integrating Feminist Science Studies into STEM fields De-Gendering Technoscience**

*Prof Petra Lucht (Technische Universität Berlin)*

**Re-viewing Aliens: Watching The X-Files during the Global War on Terror**

*Dr Katherine Chandler (School of Foreign Service, Georgetown University)*

### **T059.2**

**Thu 1st Sept, 11:00; 127**

**Which Risks, for Whom? Electronic fetal monitoring in American childbirth**

*Ms Kellie Owens (Northwestern University)*

**The Romanian Assisted Reproduction Industry: Failing Attempts at Professionalisation**

*Ms Alexandra Gruian (University of Leeds)*

**New Heights: Shoes as Technology of the Self**

*Mx Chris Hesselbein (Cornell)*

**Seeing Inside: A Critical Study of Fetal Ultrasound in Medicine and Law**

*Dr Jennifer Denbow (California Polytechnic State University)*

### **T059.3**

**Thu 1st Sept, 14:00; 127**

**Making bodies and identities in everyday clinical work: caring practices as apparatuses of bodily production**

*Dr Karolina Kazimierczak (University of Aberdeen)*

**Milieu therapy, Identity Formation and Rehabilitation Following Traumatic Brain Injury**

*Dr Nuri Erkut Kucukboyaci (NYU Langone Medical Center)*

**Moving past reductionism through biological research on mental illness**

*Ms Anna Starshinina (University of California, San Diego)*

**Controlled Acts: Caring for the Feeding Tube**

*Ms Drew Danielle Belsky (York University)*

### **T059.4**

**Thu 1st Sept, 16:00; 127**

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**Worlding the Globe: Feminist STS and the International Geophysical Year**

*Ms Jessica Lehman (University of Minnesota)*

**Of Baboons, Cadavers, and Dummies: Car Crash Testing in the 1970s**

*Ms Renee Blackburn (MIT)*

**Multi-history for computation**

*Miss Narrira Lemos de Souza (Federal University of Rio de Janeiro); Ms Nayara Cristina Carneiro de Araujo*

**Counting Mosquitoes: Reports, Maps, Surveys, and Engineering Projects during the Allies' Local, Multi-Species Malaria Control Practices in WWII**

*Dr Monica Hoffman (University of California San Diego)*

**T059.5**

***Fri 2nd Sept, 09:00; 127***

**Response-able Subjects: Shaping experiment from the inside out**

*Mx Sarah Klein (University of California, San Diego); Dr Tyler Marghetis (Indiana University)*

**Living a collaborative life**

*Dr Des Fitzgerald (Cardiff University)*

**Inner Worlds and Material Capture**

*Dr James Wilkes (Durham University); Dr Holly Pester (University of Essex)*

**Fugitive worlds: psychology's attempts to capture daydreams**

*Dr Felicity Callard (Durham University)*

**Phenomenal Séances and Apparent Interdisciplinaries**

*Ms Yelena Gluzman (University of California, San Diego)*

**T059.6**

***Fri 2nd Sept, 11:00; 127***

**Hybrid bodies and the materiality of everyday life**

*Prof Nelly Oudshoorn (University of Twente)*

**Queer technologies and rural world-making**

*Mr Jean Hardy (University of Michigan)*

**Which Sustainability? On Practicing the Future**

*Dr Emily Yates-Doerr (University of Amsterdam)*

**Making worlds in animal slaughter**

*Dr Kara Wentworth (University of California San Diego)*

**T060. Biodiversity by other (all?) means: a theatre for post-natural futures**

**Convenors:** Dr Clemens Driessen (Wageningen University); Prof Esther Turnhout (Wageningen University); Dr Claire Waterton (Lancaster University); Dr Tahani Nadim (Museum für Naturkunde Berlin)

*Discussant:* Noortje Marres (University of Warwick)

***Sat 3rd Sept, 09:00; 212***

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This session seeks to convene a wide range of approaches to and interventions in the sciences, technologies and practices of biodiversity conservation. Including (but not limited to) forms of citizen science, public labs, DIY/biohacks, community/guerilla gardening, design, performance and ecoart.

### **Ode to the Sea Butterfly**

*Prof Judit Hersko (California State University San Marcos)*

### **Fungal infestation in social media: A visual analysis**

*Dr Minna Santaoja (University of Tampere)*

### **Artists as catalysts for biodiversity conservation: The art-academia culture clash**

*Dr Paivi Abernethy (Royal Roads University)*

### **Biodiversity by United Nations: the making and unmaking of biodiversity at IPBES**

*Prof Esther Turnhout (Wageningen University)*

### **SatNav for wolves: designing animal operated devices to rethink wildlife management**

*Dr Clemens Driessen (Wageningen University)*

## **T061. Open science in practice**

**Convenors:** Prof Natasha Mauthner (University of Aberdeen); Dr Katja Mayer (University of Vienna, Austria); Prof David Budtz Pedersen (Aalborg University Copenhagen); Mrs Marianne Noel (Université Paris-Est); Dr Eduard Aibar (Universitat Oberta de Catalunya)

Studying Open Science practices from STS perspectives is the focus of this track. We are inviting participants dealing with socio-technical dimensions of openness in sciences in general and Open Access, Open Research Data, Open Methods, Open Education, Open Evaluation, and Citizen Science in particular.

### **T061.1**

**Thu 1st Sept, 09:00; 113**

#### **Innovative institutionalities for Open Science in development: a case study in Brazil**

*Dr Henrique Parra (Federal University of São Paulo); Dr Sarita Albagli (IBICT Brazilian Institute of Information in Science and Technology); Dr Maria Lucia Maciel (Universidade Federal do Rio de Janeiro - UFRJ); Mr Felipe Fonseca (IBICT)*

#### **Mapping Open Access/Science controversies: the case of the French "digital law" consultation**

*Miss Constance de Quatrebarbes (IFRIS); Miss Célya Gruson-Daniel (Centre Virchow-Villerme/Université Technologique de Compiègne/ Centre de Recherches Interdisciplinaires)*

#### **Tensions in creating discussion spaces in the French Open Access landscape: a necessary evil?**

*Mrs Marianne Noel (Université Paris-Est)*

#### **Implementing Open Science in GMO Risk Research - Experiences and Challenges**

*Dr Armin Spoek (Inst. for Science, Technology and Society Studies, Alpen-Adria Universitaet Klagenfurt-Wien Graz / IFZ Inter-University Research Centre); Mag.a Sandra Karner (Alpen-Adria Universitaet); Dr Greet Smets (PERSEUS); Prof Joachim Schiemann (Julius Kühn Institute)*

#### **Beyond Citizen Science: Community science, civic technology and their implications on environmental decision-making**

*Ms Shannon Marie Dosemagen (Public Lab)*

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## T061.2

**Thu 1st Sept, 11:00; 113**

### **Abusing openness? Predatory publishing and the response of STS**

*Prof Sally Wyatt (Royal Netherlands Academy of Arts & Sciences (KNAW))*

### **Wikipedia as Open Science: non-expert involvement in controversial scientific issues**

*Dr Eduard Aibar (Universitat Oberta de Catalunya); Ms Maura Lerga (Universitat Oberta de Catalunya, UOC)*

### **Openness in the material practices and performances of biohackers**

*Mr Rosen Bogdanov (Universitat Oberta de Catalunya)*

### **Pop-up, collective, public and urban experiments: New ways of understanding Computational Social Science Research**

*Prof Josep Perelló (Universitat de Barcelona); Dr Mario Gutiérrez-Roig; Mr Oleguer Sagarra (Universitat de Barcelona)*

### **Open Media Science**

*Dr Kristian Martiny (Elsass Institution); Prof David Budtz Pedersen (Aalborg University Copenhagen); Mr Alfred Birkegaard (Roskilde University)*

## T061.3

**Thu 1st Sept, 14:00; 113**

### **Open Science: A technological fix for 'care of the data'**

*Dr Juliet McMullin (University of California, Riverside); Mr Kyle Harp-Rushing (University of California Riverside)*

### **Open Data, Reproducibility & the Reliability of Scientific Knowledge**

*Dr Theresa Velden (Technical University Berlin)*

### **Epistemic and non-epistemic values driving data sharing in practice**

*Prof Madeleine Murtagh (University of Bristol); Prof Paul Burton (University of Bristol); Dr Andrew Turner (University of Bristol)*

### **Beneath Freely Accessible Data in the Humanities. Collaboration between Humanities Scholars and Computer Science Researchers in a Digital Humanities Research Project**

*Mr Pierre-Nicolas Oberhauser (University of Lausanne)*

## T061.4

**Thu 1st Sept, 16:00; 113**

### **From Open Access to Open Science - research policy in the making**

*Dr Katja Mayer (University of Vienna, Austria)*

### **Reflections on ethos and identity in an "open science revolution"**

*Ms Rosalind Attenborough (University of Edinburgh)*

### **Knowledge Sharing in Public-Private Partnerships in Life Sciences: an Open Science perspective**

*Mr Óscar D. Sánchez-Jiménez (Centro de Investigación Príncipe Felipe); Dr Eduard Aibar (Universitat Oberta de Catalunya)*

### **Benefits and obstacles of openness in science: an analytical framework**

*Dr Valeria Arza (CONICET); Dr Juan Mariano Fressoli (CONICET)*

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## **T062. .Care Innovation and New Modes of Citizenship**

**Convenors:** Dr Daniel Lopez Gomez (Universitat Oberta de Catalunya); Dr Juan C. Aceros (Universidad Industrial de Santander); Ms Henriette Langstrup (University of Copenhagen); Prof Jeannette Pols (AMC/ UvA); Dr Karen Dam Nielsen (University of Twente)

Following the conference theme Science & technology by other means: Exploring collectives, spaces and futures, this track invites presentations (in traditional as well as other formats) that present work on practices of participation and emergent modes of citizenship associated with care innovation.

### **T062.1**

**Thu 1st Sept, 16:00; 129**

**Co-governance in an ageing society: On pushing, biking and caring as active citizenship**

*Dr Aske Juul Lassen (University of Copenhagen)*

**Care routines, feeding assistive robotics and the disabled body**

*Associate professor Niels Christian Mossfeldt Nickelsen (DPU, Aarhus University)*

**Telecare innovations, family configurations and citizenship**

*Dr Hege Kristin Andreassen (Norwegian Centre for e-health research); Prof Catherine Pope (University of Southampton); Dr Carl May (University of Southampton)*

**Dementia care infrastructures as citizenship practices**

*Prof Ann Therese Lotherington (UiT, the Arctic University of Norway)*

**Activating Care: Patient Participation and the Bioeconomies of Parenting**

*Dr Pablo Santoro (Universidad Complutense de Madrid); Dr Carmen Romero Bachiller (Universidad Complutense, Madrid); Dr Carmen Romero Bachiller (Universidad Complutense, Madrid)*

### **T062.2**

**Fri 2nd Sept, 09:00; 129**

**Care innovation and participation in mHealth development: the HIV 'app'**

*Prof Flis Henwood (University of Brighton)*

**Implications of Introducing Robotics into Home Nursing Care**

*Prof Knut Ovsthus (Bergen University College); Dr Bodil Ravneberg (Bergen University College)*

**Bioethical citizenship in France today, or the institutionalized autonomy of judgment on biomedicine.**

*Ms Adeline Neron (School for Advanced Studies in the Social Sciences)*

**Self-monitoring, PROMs and enactments of responsible citizenship.**

*Ms Henriette Langstrup (University of Copenhagen)*

**Inclusiveness of Participation in Precision Medicine Projects: a Comparative Analysis**

*Ms Ilaria Galasso (European Institute of Oncology (IEO)); Prof Giuseppe Testa (European Institute of Oncology and University of Milan)*

### **T062.3**

**Fri 2nd Sept, 11:00; 129**

**A heroes' story; the entrepreneurial configuration of users and autonomy in the independent living programmes for people with intellectual disability in Spain**

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*Mr Joan Moyà-Köhler (Universitat Oberta de Catalunya); Dr Israel Rodríguez-Giralt (Universitat Oberta de Catalunya)*

**Surveillant care for placed children**

*Dr Lars Bo Andersen (Aarhus University); Dr Peter Danholt (Aarhus University); Prof Peter Lauritsen (Aarhus University)*

**Reshaping Health Technology Assessment through public participation**

*Dr Ana Toledo (FUNCANIS)*

**T063. Monitoring Circulation**

**Convenors:** Prof Willem Schinkel (Erasmus University Rotterdam); Dr Jess Bier (Erasmus University Rotterdam)

*Discussant:* Sally Wyatt (Royal Netherlands Academy of Arts & Sciences - KNAW)

**Fri 2nd Sept, 14:00; 117a**

The papers in this track analyze the politics of counting and visualizing in efforts to monitor the global circulation of people, practices, and data. The goal is to further examine the relationships between circulation infrastructure and supranational efforts at regulation and surveillance.

**Tools of legibility: Monitoring global trade flows**

*Mr Julian Stenmanns (Goethe Universität Frankfurt)*

**The visual ecology of European migration politics: becoming visible in the movement of things**

*Dr Rogier van Reekum (Erasmus University Rotterdam)*

**A Multi-dimensional Approach to (South) Korean International Research Collaboration**

*Ms Sooa Lee (Georgia Institute of Technology)*

**How to do your genes: transformations in a genetics lab**

*Mr Colin Halverson (University of Chicago)*

**T064. Valuation practices at the margins**

**Convenors:** Dr Francis Lee (Uppsala University); Prof Claes-Fredrik Helgesson (Linköping University); Ms Freyja Knapp; Prof Kristin Asdal (University of Oslo); Prof Steve Woolgar (Linköping University)

**Chair:** C-F Helgesson (Linköping Univ. - 1); Torben Elgaard Jensen (Aalborg Univ. Copenhagen-2) Steve Woolgar (Linköping Univ 3), Andrea Mennicken (LSE-4), Francis Lee (Uppsala Univ. -5), Tiago Moreira (Durham University-6), Kristin Asdal (Univ. of Oslo-7)

Studies of valuation explore a variety of practices where values are negotiated, ordered and established. One might say valuation is about the making of certain forms of hierarchy or importance. This track engages with the fringe practices that are situated in the shadow of more dominant techniques.

**T064.1**

**Thu 1st Sept, 09:00; 111**

**Valuation and the quantification of life: healthcare and correctional services**

*Prof Peter Miller (London School of Economics & Political Science); Dr Andrea Mennicken (London School of Economics and Political Science)*

**Situated differences in the valuation of human life: Comparing QALY and DALY**

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*Mr Oscar Javier Maldonado (Linköping University); Dr Tiago Moreira (Durham University)*

**Rational drug use and the "social drug" : The coming into being of drug utilization studies in the WHO**

*Dr Anne Kveim Lie (University of Oslo)*

**Marginalizing Hospital Work: Contesting Practices of Referring Patients to Beds**

*Phd Fellow Amalie Martinus Hauge (Copenhagen Business School)*

**Fetal Values: On the Limits of Valuation in Reproductive Research**

*Dr Francis Lee (Uppsala University)*

**T064.2**

**Thu 1st Sept, 11:00; 111**

**Valuation Practices in Transition: From the Analogue to the Digital High-End Audio**

*Dr Tsutomu Nakano (Aoyama Gakuin University)*

**The Taste of Valuation**

*Mr Fabian Müller (Copenhagen Business School (CBS))*

**Valuing marginal materials: Mouldy grapes at the limits of pricing**

*Dr Jeremy Brice (Newcastle University)*

**Harvesting quality: practices of (re)valuation in rural networks of production**

*Mr Alexander Dobeson (Uppsala University)*

**T064.3**

**Thu 1st Sept, 14:00; 111**

**Turning garbage into waste: Trash valuations and environmental knowledge**

*Ms Talia Fried (Bar Ilan University)*

**Valuating Waste: Containers, Bins, Bags and Other Technologies of Dumpster Diving**

*Prof Turo-Kimmo Lehtonen (University of Tampere); Prof Olli Pyyhtinen (University of Tampere)*

**Processing Electronic Waste, Re-Evaluating Limits. Ethnographic Insights from a High-Tech Recycling Company**

*Mr Stefan Laser (University of Kassel)*

**Ridding as valuation mechanism in UK used goods markets**

*Ms Emma Greeson (University of California, San Diego)*

**Good shit: evaluating health at the margins of the body**

*Ms Justine Laurent (University of Amsterdam)*

**T064.4**

**Thu 1st Sept, 16:00; 111**

**Defining the data that "counts": Consumer databases as practical accomplishments:**

*Dr Tomás Ariztía (Universidad Diego Portales)*

**Real estate valuation in practice**

*Mr Uri Ansenberg (University of Manchester)*

**Making news of value: exploring valuation practices at Valor Economico**

*Dr Tomas Undurraga (UCL)*

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### **The value of the negative**

*Mr Rene Brauer (University of Surrey); Prof John Tribe (University of Surrey); Prof Nigel Morgan (University of Surrey); Mr Mirek Dymitrow (University of Gothenburg)*

### **T064.5**

**Fri 2nd Sept, 09:00; 111**

#### **Marginal Advantage: Seismic Energy and the Value of an Early Warning in Mexico**

*Ms Elizabeth Reddy (University of California-Irvine)*

#### **Recording Indian fish: reports, records and administrative practices of valuation**

*Ms Aarthi Sridhar (University of Amsterdam)*

#### **Weed or Value? Compensating nature at Frankfurt airport**

*Dr Martina Schlünder (University of Toronto); Dr Susanne Bauer (University of Oslo); Dr Nils Güttler (ETH Zürich)*

#### **Valuating Molecules and their Risks. How Socio-Economic Analysis Has Transformed the Evaluation of Toxic Chemicals.**

*Mr Henri Boullier (IFRIS / CERMES3)*

#### **Resilience in the "technical dialogue" of French nuclear risk governance**

*Mr Jérémy Eydieux (Mines Nantes); Dr Stéphanie Tillement (Ecole des Mines de Nantes)*

### **T064.6**

**Fri 2nd Sept, 11:00; 111**

#### **Happiness as a valuation of nations: from margin to indicator**

*Dr Gustaf Nelhans (University of Borås); Dr Christopher Kullenberg*

#### **The little tools of large-scale visions**

*Dr Hilde Reinertsen (University of Oslo); Mr Bård Hobæk (University of Oslo); Prof Kristin Asdal (University of Oslo)*

#### **Locating Global Value: National Statistical Infrastructures and Multinational Banks**

*Dr Jess Bier (Erasmus University Rotterdam); Prof Willem Schinkel (Erasmus University Rotterdam)*

#### **Social Return on Investment (SROI) as a new practice of (e)valuation in the built environment**

*Miss Kelly Watson (University of Manchester)*

### **T064.7**

**Fri 2nd Sept, 14:00; 111**

#### **Valuation as self-fulfilling prophecy? Fictionalising scientific metrics in the humanities**

*Prof Alexa Färber (HafenCity University Hamburg)*

#### **Negotiating Good Research Questions, Proper Methods and Trustworthy Results**

*Dr Astrid Pernille Jespersen (University of Copenhagen); Prof Torben Elgaard Jensen (Aalborg University Copenhagen)*

#### **"Scientists on stage". How social performances of biologists make values.**

*Ms Sarah Schönbauer (University of Vienna)*

#### **Valuation - at the margins of research evaluation procedures?**

*Ms Aline Waltzing (Ecole des Hautes Etudes en Sciences Sociales)*

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**Exploring a curious form of academic assessment: The case of blurbs on the back cover of scholarly books**

*Prof Claes-Fredrik Helgesson (Linköping University); Prof Steve Woolgar (Linköping University)*

**T065. The Experimental Organization: Becoming by Doing**

**Convenors:** Prof Roland Bal (Erasmus University Rotterdam); Dr Brit Winthereik (IT University of Copenhagen); Dr Iris Wallenburg (Erasmus University Rotterdam); Dr Annemiek Stoopendaal (Erasmus University Rotterdam)

*Discussant: Roland Bal (Erasmus University Rotterdam, 1), Evelyn Ruppert (Goldsmiths)*

Experimental organizations do not resist ambiguity and uncertainty, but rather embrace these by deliberately and recursively searching for reflexive responses or 'experiments'. We explore empirically and theoretically the doing of organizational experiments, and how organizations account for these.

**T065.1**

**Thu 1st Sept, 09:00; M211**

**Critique - in Organizational Experiment**

*Dr Brit Winthereik (IT University of Copenhagen); Dr Christopher Gad (IT-University of Copenhagen)*

**The Experimental Zone, an experimental inquiry setting on interdisciplinary scientific work practices. Methodological issues**

*Dr Séverine Marguin; Mr Stefan Solleder (Humboldt-Universität zu Berlin)*

*Experimenting for resilience - An inquiry into Civic Desire*

*Dr Katia Dupret (Roskilde University); Prof Peter Hagedorn-rasmussen (Roskilde University)*

**Experimental regulation: learning from mystery guests, systems and good governance**

*Dr Annemiek Stoopendaal (Erasmus University Rotterdam)*

**T065.2**

**Thu 1st Sept, 11:00; M211**

**Experimenting with accountability in Danish health care**

*Dr Morten Bonde Klausen (University of Aarhus); Mr Claus Bossen (Aarhus University); Dr Peter Danholt (Aarhus University)*

**Experimenting with the Organization of Healthcare**

*Mrs Willemine Willems (Maastricht University)*

**Experimentalist governance in action: uncertain valuations and valuing uncertainties in a Dutch collective for elderly care**

*Dr Rik Wehrens (Erasmus University); Dr Lieke Oldenhof (Institute of Health Policy and Management); Prof Roland Bal (Erasmus University Rotterdam)*

**Accounting and Producing Care: The Development of Experimental Infrastructures to Account for Good Care**

*Dr Iris Wallenburg (Erasmus University Rotterdam); Prof Roland Bal (Erasmus University Rotterdam)*

**T066. Infrastructures of Evil: Participation, Collaboration, Maintenance**

**Convenors:** Dr Aaron Panofsky (UCLA); Dr Joan Donovan; Prof Christopher Kelty (UCLA)

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Explores the dark side of infrastructure and how participation, collaboration and maintenance can be looked at from the perspective of illegitimacy, inequality, and evil. Papers will address under-researched, unintended or surprising aspects of science, engineering and infrastructures.

### T066.1

**Fri 2nd Sept, 11:00; 212**

#### **Do Silk Roads lead to Data Havens?**

*Dr Adam Fish (Lancaster University)*

#### **Brand and issue: the janus face of the computationally enhanced car**

*Dr Noortje Marres (University of Warwick)*

#### **Metals of Concern in the Late Industrial City**

*Dr Alison Kenner (Drexel University)*

#### **Evil Energies**

*Dr Dominic Boyer (Rice University); Prof Cymene Howe (Rice University)*

#### **Black Hat, White Hat: Ethicizing Participation in Search Engine Optimization**

*Mr Malte Ziewitz (Cornell University)*

### T066.2

**Fri 2nd Sept, 14:00; 212**

#### **In the name of the collaborative economy: Digital intermediation platforms as a new material and ideological vanguard for capitalist expansion?**

*Dr Jacob Matthews (Paris 8 University); Dr David Pucheu (Université Bordeaux 3); Dr Athina Karatzogianni (Universoty of Leicester)*

#### **ArXiv or viXra? Doppelgängers and the Quest for the True Archive**

*Dr Alessandro Delfanti (University of Toronto)*

#### **Evil media practices and the rise of an 'infrastructure of anonymity'**

*Dr Paolo Magaudda (University of Padova)*

#### **Learning to Labor or Liberate? The Infrastructure for Entrepreneurial Education**

*Mr Daniel Greene (Microsoft Research New England)*

#### **Surveillance as Accountability: Data-driven Public Education**

*Dr Roderic Crooks (UC Irvine)*

### T066.3

**Fri 2nd Sept, 16:00; 212**

#### **Dealing with the "evil" everyday. Combating hate in the Online World**

*Dr Julia Fleischhack (Georg-August-Universität Göttingen)*

#### **All Citizens are Bastards?**

*Dr Joan Donovan*

#### **Critical Civic Data: Examining Semantic Inconsistencies in Police Homicide Data**

*Ms Irene Pasquetto (UCLA); Miss Jennifer Pierre (University of California, Los Angeles); Ms Britt S. Paris (University of California Los Angeles)*

#### **When genetics challenges a racist's self-identity**

*Dr Aaron Panofsky (UCLA)*

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## **All You Base Are Belong To Us: Infrastructures of Online Violence**

*Dr Elizabeth Losh (William and Mary)*

## **T067. Biobanks. The interdependence between forms of biovalue creation and donor participation**

**Convenors:** Prof Christine Hauskeller (University of Exeter); Dr Lorenzo Beltrame (University of Exeter)

**Sat 3rd Sept, 09:00; 112a**

The track explores the interplay between different configurations of biobanks and the participation of individuals, focusing on the resulting variable forms of biovalue creation and the shaping of subjectivities and identities of the individuals involved

### **Practicing engagement: Participation in the UK BioResource**

*Dr David Wyatt (King's College London); Prof Christopher McKeivitt (King's College London); Dr Jenny Cook (King's College London)*

### **Is ignorance bliss? The problem of legacy collection biobanks and findings from a spectrum of community engagement research activities.**

*Mr Daniel Thiel (University of Michigan); Dr Jodyn Platt (University of Michigan School of Public Health); Dr Sharon Kardia (University of Michigan School of Public Health); Ms Tevah Platt (University of Michigan School of Public Health)*

### **Rethinking the embeddedness of UCB banking in family relations**

*Dr Lorenzo Beltrame (University of Exeter)*

### **Simplex Families, Complex Exchanges: Participation in an Autism Genomic Database**

*Prof Jennifer Singh (Georgia Institute of Technology)*

### **Decision-making processes in matters of scientific nature: Cryopreservation of the stem cells of the umbilical cord**

*Ms Inês Moura Martins (IPMA)*

## **T068. Biomedical sharing economies**

**Convenors:** Dr Mauro Turrini (Université de Paris 1); Dr Lorenzo Del Savio (Christian-Albrechts-Universität zu Kiel)

**Sat 3rd Sept, 11:00; 131**

Empirical and theoretical perspectives on biomedical data sharing platforms, their participatory strategies and how they affect power and inclusion in biomedical research and health care.

### **Introduction. Biomedical sharing economies**

*Dr Mauro Turrini (Université de Paris 1)*

### **Ethical issues in the Googlization of medical research. From data philanthropy to new power asymmetries**

*Dr Tamar Sharon (Maastricht University)*

### **Health data cooperatives**

*Dr Michele Loi (ETH Zürich)*

### **Precision medicine. Self-understanding in a molecularised framework**

*Mrs Mira Vegter (Institute For Science, Innovation and Society)*

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**How a data-driven life fosters biomedicalization**

*Dr Linda Lombi (Catholic University of Sacred Heart); Prof Antonio Maturro (Università di Bologna)*

**T069. Manufacturing Humans While Developing Social Robots, Smart Environments & Wearables**

**Convenors:** Dr Diego Compagna (Technische Universität Berlin)

*Discussant:* Melike Şahinol (Orient-Institute Istanbul), Athanasios Karafillidis (Helmut Schmidt University)

**Thu 1st Sept, 11:00; 112b**

The track aims to gather research and insights about the (re-)constructions of human beings as natural entities through engineers' practices. Within the scope of these insights, several critical attributes are reified as natural categories (sex, gender, race, physical fitness, etc.).

**Reconceptualizing the Elderly through Social Robots in South Korea**

*Ms Heesun Shin (Korea Advanced Institute of Science and Technology (KAIST)); Dr Chihyung Jeon (KAIST); Mr Sungeun Kim (KAIST)*

**Ambient Intelligence (Aml) technologies at work - a degraded reconstruction of human beings in socio-technical systems**

*Mr Michael Bretschneider-Hagemes (Institute for occupational safety and health)*

**Eyeborgs, 3D bionic ears and the imagination of futures: a case study.**

*Dr Eduardo Rueda (Universidad Javeriana); Prof Raquel Diaz (Universidad Icesi)*

**Disturbingly Social**

*Dr Petra Gemeinboeck (UNSW | Art & Design)*

**Heroes or Cyborgs? - Wearables in Emergency Medical Services**

*Dr Andrea zur Nieden (Albert-Ludwigs-Universität Freiburg)*

**T070. Sensing, Walking and Embodiment With and By Technologies: A Track Away From the Desk**

**Convenors:** Mr Christopher Wood (Queen Mary University of London)

A track interested in the complex relationship between location-aware technologies, the body and site. We propose experiments in presentation and discussion drawing on ideas of walking, embodiment and sensory methods. These will take place outside the venue. Critical art practices are also welcome. All six presentations will take place in the form of walks around the Poble Nou neighbourhood. Each walk will meet in the entrance foyer of the conference venue. If there is any confusion with meeting points, the organiser can be reached on +447403729115.

**T070.1**

**Fri 2 Sept, 9:30 Hall of the Conference Venue (meeting point)**

**Reading and making space through performative mapping**

*Mrs Naomi Bueno de Mesquita (KU Leuven)*

**The Citizen Rotation Office: An immersive and speculative experience prototype.**

*Mr Luke Sturgeon (Royal College of Art)*

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## **T070.2**

**Fri 2nd Sept, 12:30; 118 (meeting point)**

### **Traces of Waste - A Site-Specific Audio Walk**

*Mrs Flavia Caviezel (Academy of Art and Design); Dr Yvonne Volkart (University of Applied Arts, Basel); Ms Adrian Demleitner; Mr Anselm Caminada; Ms Mirjam Bürgin*

### **Cartographies of Human Sensation**

*Prof Jonathan Reus; Ms Sissel Marie Tonn-Petersen*

### **Narrative Journeys: Mapping the Self in Place as a (Re)Vision of Design**

*Dr Sarah Hitt (Colorado School of Mines); Prof Toni Lefton (Colorado School of Mines)*

### **Returning the Ear**

*Mr Tim Shaw (Newcastle University); Mr Jacek Smolicki (Malmö University - School of Arts and Communications)*

## **T071. Innovation: Discourses, politics, societies, and blind spots**

**Convenors: Dr David Tyfield; Mr Benoit Godin; Prof Sebastian Pfotenhauer (Technical University Munich)**

Innovation has become a leitmotif of policy-making and institution-building. Yet, innovation policy remains strangely apolitical. This track discusses the political, normative, deliberative, and culturally specific aspects of innovation policy and weighs them against current (mainstream) frameworks.

### **T071.1**

**Thu 1st Sept, 09:00; 128**

#### **An exploration of innovation outside of the R&D lab**

*Ms Caroline Stratton (The University of Texas); Dr Diane Bailey (UT Austin)*

#### **Tensions between discourse and practice in the EU industrial collaborations**

*Mr Rui Durão (ISCTE-IUL)*

#### **Innovation as a loophole in the law: the legal high case**

*Dr Johan Soderberg (Göteborg University)*

#### **Towards a multidimensional study of innovation.**

*Prof Apostolos Spanos (University of Agder)*

### **T071.2**

**Thu 1st Sept, 11:00; 128**

#### **Disruptive Innovation: The History of an Idea**

*Dr Darryl Cressman (Maastricht University)*

#### **Narratives of Innovation in Singapore**

*Miss Gayathri Haridas (Nanyang Technological University)*

#### **Who are the Innovation Experts and where are their Blind Spots? Sources, Claims and Policy Implications of Social, Techno-scientific and Business Innovation**

*Dr Kyriaki Papageorgiou (ESADE / Harvard Kennedy School)*

#### **Stem cell tourism to China, the 'innovation imperative' and strategic blind spots.**

*Ms Jane Brophy (Monash University)*

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### T071.3

**Thu 1st Sept, 14:00; 128**

**(Re)imagining the nation and its future: boosting pharmaceutical innovation in Russia**

*Ms Olga Zvonareva (Maastricht University)*

**The Politics of Inclusion in Science, Technology and Innovation for Regional Development in Colombia**

*Ms Elisa Arond (Clark University)*

**"A Solution Looking for a Problem?" Interrogating the Deficit Model of Innovation**

*Prof Sebastian Pfotenhauer (Technical University Munich); Dr Erik Aarden (University of Vienna); Dr*

*Joakim Juhl (Harvard STS/Aalborg University)*

**Spread as well as size matters: How UK innovation policy's focus on growth has created policy deficits elsewhere**

*Dr Melanie Smallman (UCL)*

### T071.4

**Thu 1st Sept, 16:00; 128**

**The biopolitics of innovation: remaking visions, practices and policies in stem cell therapy**

*Mr Christian Haddad (University of Vienna)*

**The Innovation Subject. Governmental Technologies in Vocational Orientation**

*M.A. Clelia Minnetian (TU Berlin)*

**Market-Driven Research: From Research to Receipt in Danish Science Governance**

*Dr Joakim Juhl (Harvard STS/Aalborg University)*

### T071.5

**128Fri 2nd Sept, 09:00;**

**Addressing Grand Challenges: denovation policy as the logical next step following the normative turn in innovation policy**

*Mr Gijs Diercks (Imperial College London); Mr Rick Bosman (Erasmus University Rotterdam)*

**Beyond mainstream frameworks of technology qualification: TRL revisited**

*Prof Vidar Hepsoe (NTNU); Prof Marianne Ryghaug (Norwegian University of Science and Technology)*

**Biotechnological innovation and politics in Burkina Faso**

*Mr Caspar Roelofs (University of Groningen); Dr Sjaak Swart (Energy and Sustainability Research Institute Groningen); Mr Idrissa Rachid Edouard Sanou (Gent University); Prof Menno Gerkema (University of Groningen)*

## T072. Sensory Studies in STS and Their Methods

**Convenors: Dr Morana Alac (University of California, San Diego)**

*Discussant: Christy Spackman (Harvey Mudd College)*

This track brings together and exhibits current studies in STS on smell, touch, taste, and those focused on multisensory aspects of science and technology broadly conceived. Each presenter will dedicate a portion of their intervention to addressing the method adopted or experimented with.

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*Dr Malou Juelskjaer (University of Aarhus)*

## **T073. Epistemic Regimes - Reconfiguring epistemic quality and the reconstitution of epistemic authority**

**Convenors:** Dr Andreas Lösch (Karlsruhe Institute of Technology); Prof Sabine Maasen (TUM School of Education); Prof Armin Grunwald (Karlsruhe Institute of Technology - KIT); Dr Stefan Bösch (KIT)

*Discussant:* Sabine Maasen (TUM School of Education), Armin Grunwald (Karlsruhe Institute of Technology - KIT)

Despite there was since years a close look on varying collectives of knowledge production within and outside of science, changes of epistemic quality and authority are not yet comprehensively understood. These dynamics can be interpreted as emergence of epistemic regimes to be explored in the track.

### **T073.1**

**Thu 1st Sept, 09:00; 130**

**Epistemic cultures, communities or associations: Diverging paths to pursue**

*Prof Markus Arnold (Universität Klagenfurt)*

**Citizen Science and Making. Questioning Professional Jurisdiction, Reinforcing Scientific Authority**

*Dr Sascha Dickel (TU Munich); Prof Sabine Maasen (TUM School of Education)*

**Privileged Epistemic Actors, Epistemic Authority, and the Trust & Testimony Approach for Generating Knowledge from Technologies**

*Mr Ori Freiman (Bar-Ilan University)*

**Performing Expertise: The Epistemic Work of a Bottom-up Organised Privacy Advocacy Group**

*Ms Marlene Altenhofer (Institute for Advanced Studies Vienna)*

**Theoretizing Epistemic Regimes - transformative phenomena as reason for transformative theory?**

*Dr Stefan Bösch (KIT)*

### **T073.2**

**Thu 1st Sept, 11:00; 130**

**The Struggle for Epistemic Superiority in Medical Research**

*Mr Alexander Christian (DCLPS); Mr Christian Feldbacher (University of Duesseldorf)*

**Learning to interpret chest X-rays through highlighting**

*Mr Peter Winter (University of Sheffield)*

**Making Sense and Use of Big Data: The Epistemic Challenge**

*Dr Georgios Kolliarakis (University of Frankfurt)*

**Producing 'relevant knowledge' in transdisciplinary sustainability research - Researchers' sense-making of and coping with 'epistemic commitments' in heterogeneous projects**

*Mrs Andrea Schikowitz (WU - Vienna University for Economics and Business)*

**The ADHD subjectivity template: patient "activism" in the Internet era**

*Mrs Amelie Hoshor (Philosophy, Linguistics and Theory of Science)*

### **T073.3**

**Thu 1st Sept, 14:00; 130**

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**Epistemic authority on government research agencies. The case of agricultural science**

*Dr Axel Philipps (University of Siegen); Dr Eva Barlösius (Leibniz University Hannover)*

**The experimental setting as an epistemic regime in the German energy system transition**

*Mrs Franziska Engels (Social Science Research Center (WZB)); Dr Dagmar Simon (WZB Berlin Social Science Center)*

**Testing Regulation: the European politics of animal experimentation from Victorian Britain to 'Stop Vivisection'**

*Dr Pierre-Luc Germain (European Institute of Oncology); Dr Luca Chiapperino (University of Lausanne); Prof Giuseppe Testa (European Institute of Oncology and University of Milan)*

**A failed epistemic authority on unconventional hydrocarbons: A study of the European Science and Technology Network**

*Dr Aleksandra Lis (Adam Mickiewicz University); Dr Kärig Kama (University of Oxford); Ms Leonie Reins (KU Leuven, Belgium)*

**Contesting the Technological Zone: Local Responses to the Challenges of Knowing Impacts from Unconventional Gas Developments in Queensland, Australia**

*Mr Martin Espig (University of Queensland)*

**T073.4**

**Thu 1st Sept, 16:00; 124**

**Classifying, Regulating, Breeding: Transnational Fractures in Epistemic Regimes of Toxicity**

*Mr Lucas Mueller (Massachusetts Institute of Technology)*

**Openness in Global Advisory Groups**

*Miss Sameea Ahmed Hassim (Université Libre de Bruxelles)*

**Organizing experts. IPBES and the construction of epistemic authority.**

*Dr Karin Gustafsson (Örebro University)*

**T074. Cosmopolitical Research and STS**

**Convenors: Prof Michael Schillmeier (University of Exeter)**

**Sat 3rd Sept, 09:00; 120**

This track contributes to a cosmopolitical research agenda in STS that draws attention to the questionability of the normal in social relations and how social normalcy is disrupted, questioned and altered by unforeseeable events, unexpected practices and uncommon actors and actor-coalitions.

**The Cochlear Implant and the Impositions of Hearing**

*Dr Markus Spoehrer (University of Konstanz, Germany); Mr Robert Stock (Justus Liebig University Giessen); Prof Beate Ochsner (University of Konstanz (Germany))*

**Collective Cosmopolitics: Argentina's National Disruption of Trans\* Health**

*Dr Sonja Jerak-Zuiderent (Linköping University); Dr Teun Zuiderent-Jerak (Linköping University)*

**Disrupting normalised forms of inequality: towards a cosmopolitics of care**

*Dr Clare Shelley-Egan (Oslo and Akershus University College of Applied Sciences); Dr Jim Dratwa (European Commission and Woodrow Wilson Center)*

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## T075. Contributions of Gilbert Simondon to Science and Technology Studies

**Convenors:** Dr Carlos Sautchuk (University of Brasilia); Dr Pedro Ferreira (Unicamp)

**Sat 3rd Sept, 14:00; 117b**

This track aims to foster collaborations between researchers from different fields and with different research objects, but having in common some consistent engagement with the concepts and ideas of the increasingly relevant french philosopher, Gilbert Simondon.

**An Internet at peace with itself? Concretisation's contribution to modularity theory**

*Dr Jean-François Blanchette (UCLA)*

**«We lack technical poets»: towards a techno-aesthetical education**

*Dr Emerson Freire (UNICAMP and Centro Paula Souza)*

**Contributions of Gilbert Simondon to the social studies of the Permaculture's technologies**

*Mr Evandro Smarieri (UNICAMP)*

## T076. Enacting responsibility: RRI and the re-ordering of science-society relations in practice

**Convenors:** Mr Gisle Solbu (Norwegian University of Science and Technology); Dr Ana Delgado (University of Bergen); Dr Fern Wickson (GenØk Centre for Biosafety); Dr Heidrun Åm (Norwegian University of Science and Technology (NTNU)); Prof Knut H Sørensen (NTNU, Norwegian Univ. of Science and Technology)

The need to embed responsibility into scientific R&D practices has become a key notion within governance discourses and funding programmes. This track invites papers that analyse the multiple ways in which these ideas and policies are enacted in the everyday practices of scientists.

### T076.1

**Fri 2nd Sept, 16:00; 129**

**Narrative infrastructures for addressing and silencing responsibility in Academic Practice**

*Prof Ulrike Felt (University of Vienna); Dr Lisa Sigl (University of Vienna); Dr Maximilian Fochler (University of Vienna)*

**Responsible Research is not Good Science: Conceptual, cultural and institutional barriers to enactment**

*Dr Fern Wickson (GenØk Centre for Biosafety); Ms Lilian Van Hove (GenØk)*

**Responsible Research and Innovation (RRI) as decentered governance: Practices of governance and practices of freedom in researchers' daily lives**

*Dr Heidrun Åm (Norwegian University of Science and Technology (NTNU))*

**Digital medicine: bottom-up responsible knowledge creation and design**

*Miss Michelle Rijnen (Vrije Universiteit); Dr Wouter Boon (Utrecht University); Dr Frank Kupper (VU University Amsterdam)*

**Imagining publics, constructing responsibility. Scientists navigating Responsible Research and Innovation**

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*Mr Gisle Solbu (Norwegian University of Science and Technology); Dr Heidrun Åm (Norwegian University of Science and Technology (NTNU)); Prof Knut H Sørensen (NTNU, Norwegian Univ. of Science and Technology)*

## **T076.2**

**Sat 3rd Sept, 09:00; 129**

### **Lessons learned: Responsible Research and Innovation at the Lab Floor**

*Dr Verena Stimberg (University of Twente); Dr Kornelia Konrad (University of Twente); Mr Bart Walhout; Dr Haico te Kulve*

### **Performing responsibility in the everyday practice of synthetic biology research**

*Dr Susan Molyneux-Hodgson (University of Sheffield)*

### **Wives of Synthetic Biology: Social Scientists in an Emerging Field**

*Dr Andrew Balmer (University of Manchester)*

### **'Sociotechnical Imaginaries of 'bottom up' synthetic biology: biocontainment as promise'**

*Mr Alberto Aparicio (University College London)*

### **Enacting responsibility - challenges in science training**

*Dr Maria Strecht Almeida (Universidade do Porto)*

## **T076.3**

**Sat 3rd Sept, 11:00; 129**

### **From the Lab to the City: Exploring Socio-Technical Integration Research within Broader Landscapes**

*Dr Erik Fisher (Arizona State University); Dr Jennifer Richter (ASU); Dr Thaddeus Miller (Portland State University); Mr Abraham Tidwell*

### **Biogas plants in rural India: responsible disruption**

*Dr Govert Valkenburg (Maastricht University)*

### **Responsible Innovation in an Indigenous Context: Problems, Prospects, Hopes**

*Dr Blagovesta Nikolova (University of Namur); Prof Philippe Goujon (university of Namur)*

### **Local controversies on responsible mining: polarization, technological change and commitments**

*Mr Ernesto Andrade-Sastoque (University of Twente)*

## **T076.4**

**Sat 3rd Sept, 14:00; 129**

### **Stakeholder participation in the context of science-based consumer protection**

*Dr Leonie Dendler (Federal Institute for Risk Assessment)*

### **Lost in translation? Stakeholder engagement practices in international projects**

*Dr Ana Delicado (Lisbon University)*

### **The discourse of innovative progress and traditional knowledge. Facing consequences in fisheries management**

*Dr Rodrigo Novo (Universidad Politécnica de Valencia); Dr Paloma Herrera-Racionero (Universidad Politécnica de Valencia); Dr Emmánuel Lizcano (Universidad Nacional de Educación a Distancia)*

### **Is the quest for sound evidence indirectly facilitating science communication?**

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*Dr Monica Racovita (Alpen Adria University); Mag.a Sandra Karner (Alpen-Adria Universitaet); Dr Armin Spoek (Inst. for Science, Technology and Society Studies, Alpen-Adria Universitaet Klagenfurt-Wien Graz / IFZ Inter-University Research Centre)*

## **T076.5**

**Sat 3rd Sept, 16:00; 129**

**"Responsible Research and Innovation" as a new paradigm for distributing responsibilities between science and society**

*Dr Guido Gorgoni (University of Padua)*

**Integrated Social Science as Responsible Innovation: comparing Australian and European approaches**

*Dr Declan Kuch (University of New South Wales)*

**Re-distributing Responsibility in the Participatory Production and Circulation of Anticipatory Knowledge**

*Dr Thomas Völker (Joint Research Centre of the European Commission)*

**Ontological politics and responsible research and innovation (RRI)**

*Prof Ivan da Costa Marques (Universidade Federal do Rio de Janeiro)*

## **T077. Local knowledge in a changing climate: the experimental politics of coproduction**

**Convenors: Dr Katie Meehan (University of Oregon); Dr Nicole Klenk (University of Toronto)**

Climate change has raised the stakes for the inclusion of local knowledge in science and policy. In this track we explore the generation and use of local knowledge, with a focus on experiments in democratic knowledge coproduction and implications for organizing effective publics and institutions.

## **T077.1**

**Thu 1st Sept, 11:00; M215**

**Niche experiments in network dysfunction: water technologies in Mexico City**

*Dr Katie Meehan (University of Oregon)*

**Climate hazards, local knowledge co-production, and the emergence of climate adaptation publics: governance implications**

*Dr Nicole Klenk (University of Toronto); Mr Dragos Flueraaru; Dr James MacLellan (University of Toronto)*

**Livelihood experiments creating hybrid knowledge for sustainability transitions**

*Dr Suvi Huttunen (Finnish Environment Institute (Syke)); Dr Stephen Zavestoski*

**Taking Knowledge Apart So That We Can Put It Together Again: Examining Processes of Co-production of Climate Knowledges and Adaptation in Tanzania**

*Ms Meaghan Daly (University of Colorado Boulder)*

**Where is "local" ? The changing knowledge about climate in Khumbu**

*Dr Ornella Puschiasis (CNRS Centre for Himalayan Studies)*

## **T077.2**

**Thu 1st Sept, 14:00; M215**

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**Reimagining the role of environmental sciences and sustainable development in Costa Rica**

*Mr Francesc Rodriguez (York University)*

**The politics of 'local knowledge' in English water science and governance**

*Dr Catharina Landstrom (University of Oxford)*

**The French agroecological transition: political choices underlying local knowledge's recognition**

*Miss Jessica Thomas (INRA)*

**Science and democracy by other means? Co-producing Future Earth.**

*Ms Eleanor Hadley Kershaw (University of Nottingham)*

**An exploration of more comprehensive forms of engagement with the Mayan culture in the coproduction of public policies to mitigate the impact of climate change in the Yucatan Peninsula, Mexico**

*Dr Linda Russell (Autonomous University of Campeche); Maestra Laura García (Instituto Pedagógico Campechano); Mr SAID JOSE ABUD (CEPHCIS-UNAM); Maestra Cessia Chuc (Autonomous University of Campeche)*

**T078. Contested energy futures and temporalities in retrospective: instruments and practices of forecasting and scenario work**

**Convenors:** Dr Markku Lehtonen (EHESS (Ecole des Hautes Etudes en Sciences Sociales & ESSEC Business School)); Prof Francis Chateauraynaud (EHESS)

This track proposes a cross-country retrospective analysis of the use of various instruments and practices of “producing energy futures”, notably through forecasts and scenarios. It examines, from various disciplinary perspectives, the associated temporalities, controversies, and exercise of power.

**T078.1**

**Sat 3rd Sept, 09:00; 121**

**The "Structural Disaster" of Renewable Energy Development: A Strong Similarity to "Nuclear Village"**

*Prof Miwao Matsumoto (The University of Tokyo)*

**FBR futures in France - 1970s - 1990s: ambiguity in organisations as a means to deal with uncertainties on energy futures**

*Ms Claire Le Renard (EDF R&D, LinX, LISIS)*

**Battles on the futures of French nuclear energy**

*Mr Martin Denoun (EHESS)*

**Review of long-term energy planning in Ireland, UK and Denmark**

*Miss Celine Bout (DTU); Dr Kristian Borch (Technical University of Denmark)*

**A Multi-Scale Battle of Systems: Contested Heating and Energy Futures**

*Dr Mark Winskel (University of Edinburgh); Dr Ronan Bolton (University of Edinburgh); Dr David Hawkey (University of Edinburgh)*

**T078.2**

**Sat 3rd Sept, 11:00; 121**

**Unconventional energy futures: rendering Europe's shale gas resources governable**

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*Dr Magdalena Kuchler (Uppsala University)*

**Not the new Kuwait: Poland's shale gas narratives from illusion to deception**

*Dr Roberto Cantoni (LATTS - IFRIS)*

**A carbon tax dating the future energy market. Arguments and controversies in the French context**

*Dr Josquin Debaz (EHESS); Dr Emmanuel Combet*

**Smart Energy Finland 2030 in a delphi panel survey design**

*Dr Mikko Jalas (Aalto University School of Arts, Design and Architecture)*

**Futures of personal mobility: a tale of two innovations**

*Dr Noam Bergman (University of Sussex); Dr Tim Schwanen (University of Oxford)*

## **T079. Framing of emerging technologies as a strategic device**

**Convenors: Mr Alexander Wentland (TU Munich); Mr Jan-Christoph Rogge**

**(Wissenschaftszentrum Berlin für Sozialforschung)**

During the track we want to shed light on the strategic framing of emerging technologies by different stakeholders and the influences of those endeavors on the trajectory of these new technoscientific artifacts and practices.

### **T079.1**

**Thu 1st Sept, 16:00; 131**

**Analyzing 'framing' as device in public debates**

*Ms Anna Pichelstorfer (University of Vienna)*

**Feeding the world/Disrupting food: Strategic framings of novel proteins**

*Miss Alexandra Sexton (King's College London)*

**Framing bioeconomy: sustainable transition or re-clothing the emperor**

*Dr Juha Peltomaa (Finnish Environment Institute)*

**Framing of videoconferencing in mental health care**

*Dr Ruud Janssen (Windesheim University of Applied Science); Ms Annemarie van Hout (Windesheim University of Applied sciences)*

### **T079.2**

**Fri 2nd Sept, 09:00; 131**

**Topic modelling of EU and US energy policy documents**

*Ms Karoliina Isoaho (University of Helsinki); Dr Arho Toikka (University of Helsinki)*

**Strategic use of expectations and representations: Innovating thermal treatment of municipal solid waste (MSW)**

*Dr Paul Upham (University of Leeds & Leuphana); Dr Les Levidow (Open University)*

**Performativity within Technological Innovation and the Maker Movement**

*Ms Joan Edwards (Waterford Institute of Technology); Dr Jim Lawlor*

**Framing Future Privacy Concerns through Corporate Concept Videos**

*Mr Richmond Wong (University of California Berkeley); Prof Deirdre Mulligan (UC Berkeley)*

**"The classroom of the future" - Strategic framing in the development of digital educational media**

*Dr Tobias Roehl (University of Siegen); Prof Herbert Kalthoff (University of Mainz)*

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### T079.3

**Fri 2nd Sept, 11:00; 131**

**Strategically framing in the co-evolution of emerging innovations, regulations and use practices**

*Dr Wouter Boon (Utrecht University)*

**Nanotechnology is like...Analogy as framing device in public engagement**

*Dr Claudia Schwarz-Plaschg (University of Vienna)*

**The social construction of ignorance in the strategic framing of biosensing technologies**

*Ms Meena Natarajan (University of California, Berkeley)*

**Heterogeneous frame alignment: exploring the emergence of Time-Lapse Photography in IVF**

*Dr Manuela Perrotta (Queen Mary University of London); Ms Serena Naim (Queen Mary University of London)*

## **T080. Hegemonies in Policy and Research Translation. Exploring Passages between Social Needs, Scientific Output, and Technologies**

**Convenors: Dr Pierre-Benoit Joly (INRA and UPEM); Dr Saurabh Arora (University of Sussex); Dr Tommaso Ciarli (University of Sussex)**

*Discussant: Ismael Rafols (Universitat Politècnica de València), Saurabh Arora (University of Sussex)*

Rates and directions of research and innovation are often poorly matched to 'social needs'. We aim to problematize and explore the passages from distributed social needs, through policy agendas, to the production of science, knowledge and technologies, which are unequally distributed across needs

### T080.1

**Thu 1st Sept, 14:00; 133**

**"We put knowledge of what we know". Undone science and rice workers in Uruguay.**

*M.Sc. Santiago Alzugaray (Universidad de la República, Uruguay)*

**International Research, Social Needs and Policy Agendas: a Difficult Match?**

*Ms Montserrat Alom Bartroli (University Paris V)*

**Towards a multifaceted understanding of social needs: policy and projects**

*Dr Barbara Grimpe (Alpen-Adria-Universität Klagenfurt - Vienna - Graz)*

**Revealing research prioritization against societal "needs" by means of semantic analysis**

*Dr Ismael Rafols (Universitat Politècnica de València); Dr Matthew Wallace (INGENIO (CSIC-UPV));*

*Mrs Elisabeth de Turckheim (HCERES)*

**Contrasting the evolution of rice research and agricultural priorities**

*Dr Tommaso Ciarli (University of Sussex); Dr Ismael Rafols (Universitat Politècnica de València)*

### T080.2

**Thu 1st Sept, 16:00; 133**

**The (f)utility of knowledge: a take on Chagas disease research**

*Dr Pablo Kreimer (CONICET); Dr Luciano Levin (CCTS, UM; UNLPam, D-TEC); Hugo Ferpozzi (Centre for Science, Technology and Society)*

**Explaining variation in medical innovation: The case of vaccines, and the HIV AIDS effort**

*Dr Ohid Yaqub (University of Sussex)*

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**In the Name of "Social": A Discursive History of China's Attempt to Advance/Abolish the Traditional Chinese Medicine**

*Dr Chadwick Wang (Tsinghua University)*

**The moments of convergence in Science and Technology projects as an answer to social needs**

*Dr Luísa Veloso (ISCTE-IUL); Dr Paula Rocha (Universidade de Aveiro)*

**The policy instruments of hegemonic rule**

*Dr Rigas Arvanitis (IRD)*

**T081. Science and Technology for Social Justice**

**Convenors:** Dr Gwen Ottinger (Drexel University); Prof Barbara Allen (Virginia Tech)

**Chair:** Kristine Stiphany (The University of Texas at Austin, 1), Barbara Allen (Virginia Tech, 2)

*Discussant:* Les Levidow (Open University, 1), Scott Frickel (Brown University, 2)

We feature cases of science and technology for social justice, with particular attention to STS interventions. Papers will both report and reflect on collaborative efforts to invent more just forms and practices of technoscience.

**T081.1**

**Fri 2nd Sept, 11:00; M215**

**Experts organizing for environmental and social justice: Shadow mobilization in Greater Metro Boston**

*Prof Scott Frickel (Brown University); Apollonya Porcelli; Mr Aaron Niznik (Brown University); Ms Amy Teller (Brown University)*

**A Transdisciplinary Experiment: Deliberating Just Research on Vanishing Bees**

*Dr Sainath Suryanarayanan (University of Wisconsin-Madison); Prof Daniel Kleinman*

**Scientific Expertise and Occupational Health: How to make things work?**

*Prof Emmanuel Henry (Université Paris-Dauphine PSL research University)*

**Collaborative Science and Knowledge Justice in a French Industrial Region**

*Prof Barbara Allen (Virginia Tech); Ms Alison Cohen (University of California, Berkeley); Mrs Yolaine Ferrier (Centre Norbert Elias CNRS UMR 8562); Dr Johanna Lees (Centre Norbert Elias)*

**T081.2**

**Fri 2nd Sept, 14:00; M215**

**Technofictions: Putting Smart City Planning to Work in Brazilian Informal Settlements**

*Dr Kristine Stiphany (The University of Texas at Austin)*

**Challenging Air Pollution: Exploring Community Pollution Surveillance in Taiwan**

*Prof Wen-Ling Tu (National Chengchi University); Dr Chia-liang Shih*

**Application Brasil 4D tested by the social and cognitive justice**

*Prof Sayonara Leal (University of Brasilia)*

**The Engineering Exchange: widening access to engineering expertise in London**

*Dr Sarah Bell (University College London); Miss Charlotte Barrow (UCL); Ms Vera Bukachi*

**Promoting Social Justice by Optimising Public Medical Resources**

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*Dr Yunyan Shi (National Academy of Innovation Strategy); Dr Zheng Li (National Academy of Innovation Strategy, China Association for Science and Technology); Prof Hui Luo (National Academy of Innovation Strategy, China Association for Science and Technology)*

## **T082. Cabinet of Political Fictions) SIMULACRUM©: prototyping the city of tomorrow**

**Convenors:** Dr Alberto Corsin Jimenez (Spanish National Research Council (CSIC)); Dr Fernando Dominguez Rubio (UC San Diego); Dr Uriel Fogue (Universidad Europea / Elii)

**Chair:** Pablo Hermassen (Pontificia Universidad Catolica de Chile)

*Discussant:* Discussant: Martin Tironi (Pontificia Universidad Católica de Chile)

**Thu 1st Sept, 12:30 VIP**

This track explores new forms of creating controversies and intellectual debate outside established academic formats. The track proposes a series of sessions organized around a political fiction in which the executive committee of an unnamed country is summoned to solve an impending crisis

**In an Untimely Appeal to the Executive Committee**

*Dr Alessandro Angelini (London School of Economics and Political Science)*

## **T083. Doing theory by other means: how does architectural production challenge STS and ANT**

**Convenors:** Prof Ignacio Farias (TU München); Dr Nerea Calvillo (University of Warwick)

*Discussant:* Michael Guggenheim (Goldsmiths)

This panel aims to explore the ways in which certain forms of material production can be testing grounds for doing theory. We are particularly interested in how architectural production, as a sociomaterial assemblage and as a design practice, might challenge conceptual repertoires of STS and ANT.

### **T083.1**

**Fri 2nd Sept, 11:00; 115**

**No-thing is possible: Architecture, politics and urban decay**

*Mr Lucas Pohl (Goethe University Frankfurt)*

**Inviting atmospheres to the architecture table**

*Dr Nerea Calvillo (University of Warwick)*

**æther, the O2 apparatus**

*Mr Alfonso Borragan; Mrs Blanca Pujals (Etsab and Independent Studies Program (Macba Museum, Bcn))*

**Sound and space. ANT approach to building concert hall acoustics.**

*Ms Aino Alatalo (University of Tampere)*

### **T083.2**

**Fri 2nd Sept, 11:00; 115**

**STS and the Analysis of Design Research in Architecture**

*Dr Monika Kurath (ETH Zurich, Department of Architecture); Mr Bernhard Böhm (ETH Zurich)*

**Digital cultures: architectural design and innovation in practice**

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*Mr Kåre Poulsgaard (University of Oxford)*

**Following negotiations on energy reduction intentions among architects and engineers**

*Mr Daniel Pihl (Aalborg University)*

**Seduction tools and community of practices. The estrange case of an unlikely Video Art Center**

*Dr Enrique Nieto (University of Alicante)*

### **T083.3**

***Fri 2nd Sept, 16:00; 115***

**Domestic theatres: living (in) black boxes**

*Dr Uriel Fogue (Universidad Europea / Elii)*

**Olla Gitana. The Conversation as Architecture of Community**

*Dr Miguel Mesa del Castillo Clavel (Universidad de Alicante)*

**Buildings for care: an ethnographic de-scription of architectural elements**

*Miss Ariane d'Hoop (Université Libre de Bruxelles); Ms Annelieke Driessen (University of Amsterdam)*

**Re-imagining political architecture: settings as political actors**

*Prof Ignacio Farias (TU München); Dr Gonzalo Correa (Universidad de la República)*

## **T084. Technologies of Criminalization: On the convergence of forensic and surveillance technologies**

**Convenors: Prof Helena Machado (University of Coimbra); Prof Amade M'charek (University of Amsterdam)**

**Chair: Simon Cole (University of California, Irvine, 1), Rafaela Granja (University of Coimbra,2), Amade M'charek (University of Amsterdam, 3)**

In this panel we explore the convergence of technologies and tactics aimed at solving crime (forensics) and technologies of control and oversight of population (surveillance). Doing so, our goal is to provoke a conversation between STS and Surveillance studies, about this assemblage in practice.

### **T084.1**

***Fri 2nd Sept, 16:00; 132***

**Travels and troubles of forensic genetic surveillance in the EU**

*Prof Helena Machado (University of Coimbra)*

**Aggregate Evidence: Predictive Policing Technologies and their Evaluation**

*Mr Till Straube (Goethe University Frankfurt)*

**Predictive Policing: Geographies of Risk in the United States**

*Ms Ariel Ludwig (Virginia Tech)*

**Emerging Forensic Technologies: Rapid DNA solutions in the UK**

*Dr Dana Wilson-Kovacs (University of Exeter)*

### **T084.2**

***Sat 3rd Sept, 14:00; 120***

**Putting a face to data, doing race with data**

*Prof Amade M'charek (University of Amsterdam); Mr Bobby Witte*

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**Geneticization, Datafication, and Visualization: The Reinvention of Race in New Policing Technologies**

*Dr David Skinner (Anglia Ruskin University)*

**Suspects' origin and DNA databases as a source of problematization**

*Dr Joëlle Vailly (Inserm)*

**Forensic and Surveillance Technologies: From Evidence to Intelligence**

*Prof Simon Cole (University of California, Irvine)*

**T084.3**

**Sat 3rd Sept, 16:00; 120**

**The Body as Evidence: Postcolonial Histories of Law and Society**

*Dr Itty Abraham (National University of Singapore)*

**How Forensic Genetic and Surveillance Technologies Objectify Indigenous Peoples as Extreme Other**

*Dr Mark Munsterhjelm (University of Windsor)*

**Biosocial futures of the family in forensic DNA databases**

*Dr Rafaela Granja (University of Coimbra)*

**Translations and Extensions of DNA Analysis for Family Reunification**

*Dr Anna-Maria Tapaninen (U of Eastern Finland)*

**T085. Infrastructures, subjects, politics**

**Convenors: Prof Jane Summerton (VTI/Swedish National Road & Transport Research Institute); Dr Vasilis Galis (IT University of Copenhagen)**

This session aims to explore the relevance of STS for the study of entanglements of sociotechnical infrastructures – such as transport systems, digital platforms, policing systems, border machineries and so on – with so-called human subjects in infrastructural politics.

**T085.1**

**Sat 3rd Sept, 09:00; 122**

**Border surveillance, counter-surveillance and the 'realm of reconstruction'**

*Prof Huub Dijstelbloem (University of Amsterdam)*

**Undoing the border: digital and material reconfigurations of routes and spaces for migrants/refugees**

*Dr Vasilis Galis (IT University of Copenhagen); Prof Jane Summerton (VTI/Swedish National Road & Transport Research Institute); Associate Professor Aristotle Tympas*

**Biometric registration of refugees in Greek borders in times of crisis.**

*Mr Vasileios-Spyridon Vlassis (ITU Copenhagen)*

**Contested Counting: The Practice and Politics of Refugee Registration in Lebanon**

*Mr Samuel Dinger (New York University)*

**Drones, Borders, Audits: The US-Mexico Border and the Internet of Things**

*Ms Lauren Kilgour (Cornell University)*

**T085.2**

**Sat 3rd Sept, 11:00; 122**

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**Digital food activism as ontological experimentation**

*Dr Tanja Schneider (University of St. Gallen); Dr Karin Eli (University of Oxford); Dr Javier Lezaun (Oxford University); Prof Stanley Uljaszek (University of Oxford)*

**Good Mourning Baltimore: Activism, Governance, and the Interstate Highway Project**

*Ms Amanda K Phillips (Virginia Tech)*

**"Mind the Gap, Please": wheelchair users and London public transport**

*Ms Raquel Velho (UCL)*

**Political engineering: the tangle of infrastructure, security and state authority in contemporary statebuilding interventions**

*Dr Peer Schouten (Danish Institute for International Studies); Dr Jan Bachmann (University of Gothenburg)*

**Little tags, ordered worlds and invisible infrastructures**

*Ms Susanne Oechsner (University of Vienna); Prof Ulrike Felt (University of Vienna)*

**T085.3**

**Sat 3rd Sept, 14:00; 122**

**"There's no single Arctic": Knowing nature in oil operations**

*Dr Elena Parmiggiani (NTNU); Prof Eric Monteiro (NTNU)*

**Reshuffling the Government Machine. Digital Infrastructures of Bureaucratic Exclusion**

*Dr Annalisa Pelizza (University of Twente)*

**Citizenship by design: Aadhaar, NRC and the immigrant**

*Mr Khetrinmayum Monish Singh (Jawaharlal Nehru University)*

**Video surveillance of demonstrations and the police' definatory power**

*Dr. Dr. Peter Ullrich (Technische Universität Berlin)*

**T085.4**

**Sat 3rd Sept, 16:00; 122**

**Infrastructures and Invisibility: the techno-politics of heterogeneous zones**

*Prof Maximilian Mayer (Tongji University)*

**Broader or border society?**

*Mr Giorgos Mattes (National & Kapodistrian University of Athens)*

**Travelling Numbers: Tracing the Transformations of Aadhaar**

*Mr Ranjit Singh (Cornell University)*

**Infrastructures/Governing/Queerness: How Health IT Infrastructures "Program Queer Health"**

*Mr Stephen Molldrem (University of Michigan)*

**T086. Rethinking innovation and governance**

**Convenors: Prof Andrew Webster (University of York)**

Drawing on the deep and extensive work in Science, Technology and Innovation Studies, this track provides an opportunity to rethink our understanding of innovation, its governance and future direction beyond conventional boundaries of S&T

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## T086.1

**Thu 1st Sept, 09:00; VIP**

### **Towards a typology of social innovation**

*Dr Rafael Popper (VTT Technical Research Centre of Finland / The University of Manchester); Robert van der Haver (VTT Technical Research Centre of Finland); Effie Amanatidou (University of Manchester); Deborah Cox (The University of Manchester); Dimitri Gagliardi (The University of Manchester); Guillermo Velasco (The University of Manchester)*

### **Innovation with the Future: European experiments with reinventing the future**

*Dr Jim Dratwa (European Commission and Woodrow Wilson Center)*

### **Rethinking Innovation as a Political Process of Development**

*Dr Smita Srinivas (Indian Institute for Human Settlements (IIHS)); Prof Theodoros Papaioannou (Open University)*

### **Innovation in Regenerative medicine: Promissory Identities, Values and tensions**

*Dr John Gardner (University of York); Ms Ruchi Higham (University of York)*

### **Misalignment and alignment in academic-industry collaboration and research policy**

*Prof Alan Irwin (Copenhagen Business School); Dr Jane Bjørn Vedel (Copenhagen Business School)*

## T086.2

**Thu 1st Sept, 11:00; VIP**

### **Universities as spaces and places of social innovation**

*Ph.D. Jens Dorland (Aalborg University Copenhagen); Dr Michael Soegaard Joergensen (Aalborg University)*

### **Can the Public Health Sector Innovate Contraception?**

*Ms Miriam Klemm (Technische Universität Berlin)*

### **Innovative instruments for neglected vaccines: Public markets for private ventures**

*Prof Janice Graham (Dalhousie University)*

### **Does the innovation process per se still exist?**

*Prof Andrzej Jasinski (School of Management, University of Warsaw)*

### **Tracking the footprints of innovative public engagement**

*Dr Mikko Rask (University of Helsinki); Mr Luciano d'Andrea (LSC); Dr Loreta Tauginiene; Dr Saule Maciukaite-Zviniene*

## T086.3

**Thu 1st Sept, 14:00; VIP**

### **Producing innovative citizens - Citizensourcing as a technology of government**

*Mrs Carolin Thiem (TUM School of Education)*

### **Revealing discourses: (re)imagining innovation and governance through international clinical trials**

*Mr Lloyd Akrong (Maastricht University)*

### **Rethinking risk governance: Towards a constitutive approach**

*Dr Hannot Rodriguez (University of the Basque Country UPV/EHU)*

### **Innovation Beyond Growth: Opening the black box of 'Responsible Stagnation'**

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*Dr Stevienna de Saille (University of Sheffield); Dr Fabien Medvecky (University of Otago)*

## **T087. What is a Problem? Problematic Ecologies, Methodologies and Ontologies in Techno-science and Beyond**

**Convenors:** Dr Martin Savransky (Goldsmiths, University of London); Mr Patricio Rojas (Goldsmiths, University of London); Mr Sebastian Rojas Navarro (King's College London)

What is a problem? What if problems have their own thickness and vitality, constituting a mode of existence of practices and things? How do practices participate in the transformation of problems? This track invites STS scholars to explore the nature of problems in techno-science and beyond.

### **T087.1**

**Thu 1st Sept, 09:00; 119**

#### **On The Mode of Existence of the Problematic**

*Dr Martin Savransky (Goldsmiths, University of London)*

#### **Bergson's Problematic Philosophy and the Pursuit of Metaphysical Precision**

*Dr Craig Lundy (Nottingham Trent University)*

#### **A Problematic Concept: Spiritualism as Techne in Modern Technoscience**

*Dr Adam Nocek (Arizona State University)*

#### **A Non-anthropocentric, Alchemical Response to the Problem of Solidarity**

*Prof Xin Wei Sha (Arizona State University)*

### **T087.2**

**Thu 1st Sept, 14:00; 114**

#### **Individuals as problems: psychology between individuation and the 'illusion of subjectivity'**

*Mr Patricio Rojas (Goldsmiths, University of London)*

**The problems of defining and exploring a problem that might not be a problem at all. Or maybe for some, but to whom and why? Adult researchers exploring children's everyday lives.**

*Mr Sebastian Rojas Navarro (King's College London)*

#### **Problematic data? Prevalence rates, psychostimulant prescriptions and the ambiguous epidemiology of ADHD in Portugal**

*Dr Angela Filipe (London School of Hygiene & Tropical Medicine)*

#### **The problem of prognosis in cardiology care: A pragmatist perspective**

*Dr Phaedra Daipha (Rutgers University)*

#### **Problems and questions in development research in Afghanistan.**

*Ms Tjitske Holtrop (AISSR)*

### **T087.3**

**Fri 2nd Sept, 11:00; 113**

#### **Problem solving as world making**

*Dr Sandra Calkins (MPI for Social Anthropology)*

#### **Speculating with infectiousness in biomedical time.**

*Prof Marsha Rosengarten (Goldsmiths University of London)*

#### **1. The Issue with Problems: Studying Problems in Digital Health with Digital Methods**

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*Mr David Moats (Linköping University); Dr Liz McFall (Open University)*

**Problematising, establishing, demonizing: the uncanny case of microplastics in waters**

*Dr Sven Bergmann (Universität Bremen)*

**Following the Problems - Historicizing Grand Challenges**

*Prof David Kaldewey (Forum Internationale Wissenschaft Bonn); Ms Julia Schubert; Ms Daniela Russ (Forum Internationale Wissenschaft)*

## **T088. Policy and Care (or Care-Full Policy): exploring practices, collectives and spaces**

**Convenors:** Prof Ingunn Moser (Diakonhjemmet University College); Dr Claire Waterton (Lancaster University); Dr Monica Greco (Goldsmiths, University of London); Dr Vicky Singleton (Lancaster University); Dr Hilde Thygesen (VID Scientific University)

*Discussant: Michael Schillmeier (University of Exeter)*

This track asks how policies relate with care in diverse: domains of practice, cultural locations and historical moments. It explores how care and policy are and can be woven together and how theorising 'care' with 'policy' opens up these categories in ways that have transformative potential.

### **T088.1**

**Thu 1st Sept, 09:00; 131**

**Conjunctions of policy and care in German community mental health care services**

*Dr Milena Bister (Humboldt Universität zu Berlin)*

**Moving Policy: Caring for physical activity in dementia care**

*Ms Annelieke Driessen (University of Amsterdam)*

**Good Nurse In Training: 'Carefully' developing an ethical model of the simulated patient**

*Ms Ivana Guarrasi (University of California, San Diego)*

### **T088.2**

**Thu 1st Sept, 11:00; 131**

**Activation and Participation in Telecare: Redistributing labour, costs and responsibilities**

*Dr Hilde Thygesen (VID Scientific University); Prof Ingunn Moser (Diakonhjemmet University College)*

**Digitized HPV vaccination communication as promising and troubling care**

*Miss Lisa Lindén (Stockholm University)*

**Compassion in health care: Unsettling generalisations**

*Dr Vicky Singleton (Lancaster University); Dr Steve Mee (University of Cumbria)*

**Care at the food bank: exploring policies, practices and normativities**

*Dr Hilje van der Horst (Wageningen University)*

### **T088.3**

**Thu 1st Sept, 14:00; 131**

**Culture of Care and organisational culture in animal research facilities**

*Dr Annabella Williams (Understanding Animal Research)*

**Between local specificities and general goals: the overweight prevention programme of an ambitious municipality**

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*Ms Else Vogel (University of Amsterdam)*

**Thanapolitics and End-of-Life Care on Three Chinese Immigrant Islands**

*Dr Harry Yi-Jui Wu (The University of Hong Kong)*

**Illness and Asylum Policy: Care in a Berlin Psychiatric Clinic**

*Miss Georgia Samaras (Technical University of Munich)*

**T089. Bio-subjects**

**Convenors: Prof Joanna Latimer (University of York); Dr Carrie Frieze (LSE)**

Research on 'bio-objects' explores relations generated around scientific entities (e.g. GM organisms, IVF embryos & transgenic animals). Alternatively this panel explores how & when 'bio-subjects' give (their) life through biomedical science to make meanings & social relations with humans.

**T089.1**

**Sat 3rd Sept, 09:00; 125**

**Ontological Subjects: Modelling Biology's World-Making.**

*Prof Joanna Latimer (University of York)*

**iPS cells as 'bio-subjects' : expansion of experimental system beyond laboratories**

*Ms Wakana Suzuki (Kyoto University)*

**Witnessing animal and human moments for the betterment of sciences . The case of the Enviropig.**

*Miss Karolina Rucinska (Cardiff University)*

**The expansion and valuing of foetal measurements in obstetric ultrasound**

*Dr Niamh Stephenson (UNSW); Dr Catherine Mills (Monash University); Dr Kim McLeod*

**Three (de-)Subjectifications in Modelling Practice**

*Ms Rebecca Hardesty (University of California, San Diego)*

**T089.2**

**Sat 3rd Sept, 11:00; 125**

**The Moral Economies of Care in Animal Experimentation**

*Dr Carrie Frieze (LSE)*

**Caring for the Enemy: Rearing and Releasing Manipulated Mosquitoes**

*Ms Luísa Reis Castro (MIT)*

**Paying 'non vulnerable' subjects: Constructions of Vulnerability and the Responsibilisation of Risk in Commercial Healthy Volunteer Clinical Trials.**

*Dr Shadreck Mwale (University of Brighton)*

**Logic(s) of Care in Clinical Research**

*Mrs Laura Christiane Schnieder (Universität Mainz)*

**Cancer tumours as 'bio-subjects': the social relations of clinical samples in the age of genomic medicine**

*Prof Anne Kerr (University of Leeds); Dr Tineke Broer (University of Edinburgh); Dr Emily Ross (University of Edinburgh); Prof Sarah Cunningham-Burley (University of Edinburgh)*

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## **T090. Indicator Politics: Quantification measures and practices of decision-making**

**Convenors:** Dr Nuno Boavida (Universidade Nova de Lisboa); Dr Stefan Bösch (KIT)

The session highlights the importance of indicators in the construction of expertise and the constitution of problems under decision. Thesis is that risk and innovation politics are highly performed through indicator politics. Looking that way, processes of deciding can be understood more deeply.

### **T090.1**

**Fri 2nd Sept, 14:00; 117b**

**Responsible quantification: The use of quantitative evidence in the context of uncertainty**

*Dr Zora Kovacic (Universitat Autònoma de Barcelona)*

**Risk indicators: The Impact of Uncertainty and Crisis in Measuring Risk**

*Dr Sudeepa Abeysinghe (University of Edinburgh)*

**The use of indicators: An analysis of two decisions of innovation policy**

*Dr Nuno Boavida (Universidade Nova de Lisboa)*

**The co-production of sustainability indicators and harbor communities: A case study on the port of Antwerp, Belgium.**

*Prof Frederic Vandermoere (University of Antwerp)*

### **T090.2**

**Fri 2nd Sept, 16:00; 117b**

**Entering corporations into national economy. An ethnography of the GDP.**

*Mr Quentin Dufour (Université Paris-Dauphine)*

**To measure is to manage: Coproducing bank's health with the EU-wide stress test**

*Miss Shirley Kempeneer (University of Antwerp)*

**The politics of quantitative devices. How national accounting favoured the spread of Public-Private Partnerships (PPPs) throughout Europe**

*Mr Damien Piron (University of Liège)*

**Social Policy Expertise and indicator politics in Europe**

*Prof Gert Verschraegen (University of Antwerp)*

## **T091. Exploring the role of materials in practices and sustainability**

**Convenors:** Dr Chris Foulds (Anglia Ruskin University); Dr Toke Haunstrup Christensen (Aalborg University)

What is the role of materials for social practices and sustainability? How well do theories of practice capture this role? How should we study this? How can such studies inform sustainable transitions? These are some of the questions covered through paper presentations and discussions.

### **T091.1**

**Thu 1st Sept, 09:00; M212**

**Home monitoring: how smart meters mediate domestic energy practices in the Netherlands**

*Dr Mandy de Wilde (Wageningen University)*

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**Washing 2.0: Transforming energy practices in the home**

*Mr Shivat Jhagroe (Eindhoven University of Technology)*

**Materialities of the electric car: different designs, users and practise trajectories?**

*Prof Marianne Ryghaug (Norwegian University of Science and Technology); Prof Helen Jøsok Gansmo*

**Young people and ICT: Materials shaping resource-intensive practices?**

*Dr Toke Haunstrup Christensen (Aalborg University); Dr Els Rommes (Institute for gender studies)*

**Anthropological Explorations of Technologies as Enacted Materials in Everyday Practices**

*Mrs Mia Rasmussen (Alexandra Institute A/S); Miss Laura Nielsen (Alexandra Institute)*

**T091.2**

**Thu 1st Sept, 11:00; M212**

**Urban Gardening and the Politics of Environmental Citizenship: The Example of Tree-pits in Berlin**

*Dr Jens Lachmund (Maastricht University)*

**New Designs for Sustainable Food Practices - The case of vegan material innovation**

*Dr RICHARD TWINE (EDGE HILL UNIVERSITY)*

**Practice hacks: exploring the centrality of materials in social change**

*Mr Matthew Hanchard (University of Sheffield)*

**Integrating Complex Materials into Practice: The Case of Tablet Computers**

*Ms Carolynne Lord (Lancaster University)*

**Experiments in Zero Emission Living: The Intrinsic Qualities of Things**

*Dr Marius Korsnes (Norwegian University of Science and Technology); Ms Jenny M. Bergschöld (Norwegian University of Science and Technology)*

**T092. Transition to Sustainable Food Systems: Integrative Perspectives on Production and Consumption**

**Convenors: Dr David Evans (University of Manchester); Dr Josephine Mylan (University of Manchester)**

We invite contributions which connect perspectives in STS to the study of food and eating. We welcome theoretical and empirical papers that bridge the production-consumption divide to offer more symmetrical accounts of sustainable food systems.

**T092.1**

**Fri 2nd Sept, 09:00; M213**

**Analysing innovation between 'production' and 'consumption': Why food is different**

*Dr Josephine Mylan (University of Manchester)*

**An unnoticed innovation. Raw milk vending facilities in Italy and the possible reconfiguration of dairy products' regime.**

*Dr Tiziana Piccioni; Dr Alvisé Mattozzi (Free University of Bozen-Bolzano)*

**Sustainable Food Technologies: Méconnaissance in Production-Consumption of Natural Food**

*Miss Laura Trachte (Technische Universität München); Dr Barbara Sutter (TU München)*

**Quality under construction: symmetric approach to sustainable food systems in post-transition society**

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*Dr Wojciech Goszczyński (Nicolaus Copernicus University); Dr Michał Wróblewski (Nicolaus Copernicus University); Dr Łukasz Afeltowicz (Nicolaus Copernicus University); Dr Anna Wójtewicz (Nicolaus Copernicus University)*

**Grassroots as bottom-up responsible innovation: the case of food common purchasing groups**

*Dr Sergio Belda Miquel (Universitat Politècnica de València); Prof Alejandra Boni; Dr Barbara Ribeiro (University of Nottingham); Dr David Barbera-Tomas (Universidad Politécnica de Valencia)*

**T092.2**

**Fri 2nd Sept, 11:00; ; M213**

**The role of niche innovations in transition pathways in the agro-food system**

*Dr Joyce Zwartkruis (PBL Netherlands Environmental Assessment Agency); Mr Henk Westhoek*

**Avoiding the pitfalls of urban life? - Understanding grocery shopping**

*Dr Malin Henriksson (VTI, Swedish National Road and Transport Research Institute)*

**Sustainable Intensification: agroecological appropriation versus contestation?**

*Dr Les Levidow (Open University)*

**Paths to Agricultural Sustainability in Japan: Life Sciences or Agro-ecology?**

*Prof Tomiko Yamaguchi (International Christian University)*

**Imagining food in 2040: interrogating prevalent narratives of Milan World fair**

*Dr Ângela Guimarães Pereira (European Commission); Dr Alba L'Astoria (CNR Italian National Research Council); Miss Irene Tomasoni; Ms Alessia Ghezzi (DG Joint Research Centre - European Commission)*

**Organising sustainability by global standards: certifications and the production of nature-cultures for sustainable coffee in Colombia**

*Miss Derly Sánchez Vargas (Lancaster University)*

**T093. Infrastructures of nuclearity: Exploring entangled histories, spaces and futures**

**Convenors: Mr Marton Fabok (University of Liverpool); Dr Sonja Schmid (Virginia Tech); Mr Sergiu Novac (Central European University, Budapest)**

*Discussant: Brian Wynne (Lancaster University, 1), Joe Masco (University of Chicago, 2), Karna Kalmbach (FU Berlin, 3), Gabrielle Hecht (University of Michigan), Joseph Masco (University of Chicago), Brian Wynne (Lancaster University, 4)*

This track focuses on the histories and futures embedded through nuclear infrastructures, the complex social and material assemblages of 'nuclearity'. We particularly welcome grounded case studies engaging with the 'entangled geographies' (Hecht et al, 2011) of nuclearity.

**T093.1**

**Thu 1st Sept, 09:00; 132**

**Making things personal: Consulting a UK nuclear new build project**

*Mr Marton Fabok (University of Liverpool)*

**From phenix to ASTRID: the renewal of sodium technology**

*Mr Maxime Delannoy (Ecole des mines de Nantes); Mr Guy Minguet (Ecole des Mines de Nantes); Dr Stéphanie Tillement (Ecole des Mines de Nantes); Dr Frédéric Garcias*

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**Embracing the "atomic future" in post-war Austria**

*Mr Florian Bayer (University of Vienna)*

**Politics of visibility and invisibility on cancer around nuclear facilities**

*Miss Laura Barbier (Paris Descartes University)*

**T093.2**

***Thu 1st Sept, 11:00; 132***

**Living with Sellafield: situating everyday nuclearities**

*Dr Karen Bickerstaff (University of Exeter)*

**Living in Dose: Waste, Work, and the Politics of Permissible Exposure**

*Dr Shannon Cram (University of Washington Bothell)*

**Regenerating Nuclear Energy: Neophyte Dreams & Workplace Peopling**

*Mr Vincent Ialenti (Cornell University)*

**T093.3**

***Thu 1st Sept, 14:00; 132***

**Knowledge crisis: nuclearity and safeguards inspections at the IAEA**

*Mrs Anna Weichselbraun (University of Chicago)*

**Assessing nuclear safety: the use of the Rasmussen report in France**

*Mr Ismail Goumri (Institut de Radioprotection et de Sûreté Nucléaire)*

**"Anti-nuclear technopolitics and the scientization of democracy in India**

*Ms Monamie Bhadra*

**Monitoring radiation: The birth of networked publics after Chernobyl**

*Dr Yasuhito Abe (Doshisha University)*

**T093.4**

***Thu 1st Sept, 16:00; 132***

**Pioneers and Problems: Implementing Geological Disposal of Nuclear Waste**

*Miss Marika Hietala (University of Sheffield)*

**Nuclear Undertakings: Decommissioning as Social Laboratory**

*Mr Sergiu Novac (Central European University, Budapest)*

**Geographies of Preparedness: Governing Nuclear Safety Across Changing Emergency Response Regimes**

*Dr Sonja Schmid (Virginia Tech)*

**T094. Emerging science and technology: questioning the regime of promising**

**Convenors: Prof Harro van Lente (Maastricht University); Dr Marc Audétat (University of Lausanne); Dr Pierre-Benoit Joly (INRA and UPEM)**

This track invites papers examining the regime of promising in emerging science and technology, dealing with issues of performance and credibility. It aims at fostering discussion about the issues and consequences of the regime of promising for the research system as well as for society.

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### T094.1

**Fri 2nd Sept, 14:00; VIP**

**Governing anticipatory technologies. Forensic DNA Phenotyping in Europe**

*Dr Matthias Wienroth (Northumbria University)*

**Enthusiasm and Scepticism regarding Digital Health Technologies: the Promise Trap**

*Dr Maria del Rio Carral (University of Lausanne)*

**The UK smart meter rollout: Dynamics of expectations**

*Dr Sabine Hielscher (University of Sussex); Dr Paula Kivimaa (University of Sussex)*

**Strong coproduction: promissory technological futures and the heuristics of continuity**

*Dr Pierre Delvenne (University of Liège)*

**Kinase inhibitors; the role of believers and non-believers in drug research**

*Dr Farah Huzair (University of Edinburgh)*

### T094.2

**Fri 2nd Sept, 16:00; VIP**

**Who is the farmer in promises about biotechnology for development?**

*Dr Koen Beumer (Rijksuniversiteit Groningen); Dr Sjaak Swart (Energy and Sustainability Research Institute Groningen)*

**Agroecological transitions: contestations of the regime of techno-scientific promises?**

*Miss Sarah Lumbroso (INRA); Miss Jessica Thomas (INRA)*

**The daily life of techno-scientific promises: investigating the tensions between the regime of promising and research practices**

*Dr Béatrice Cointe (Aix-Marseille University)*

**"Personalized Medicine" and "Eggs Forever": Promissory work in genomic research and reproductive medicine**

*Dr Gaia Barazzetti (University of Lausanne, CHUV University Hospital Lausanne); Mrs Nolwenn Bühler (De Montfort University)*

### T094.3

**Sat 3rd Sept, 09:00; VIP**

**Provided Promises and Accepted Promises of Korean First Astronaut Program**

*Ms Seungmi Chung (Virginia Tech)*

**Mobilising expertise and expectations in 3D bioprinting organisations**

*Dr Carlos Cuevas-Garcia (Technical University Munich)*

**Reverse Boundary Work, Researcher Responsibility, and the Promise of Neural Technologies**

*Dr Matthew Sample (Institut de recherches cliniques de Montréal)*

**Institutionalising promises: The key role of promise champions in mediating and embedding visions of the future into institutions (evidence and a typology)**

*Dr Douglas Robinson (LISIS, Uni-Paris Est (FR)); Dr Aurelie Delemarle (Ecole des ponts ParisTech); Prof Philippe Laredo (Université Paris Est)*

### T094.4

**Sat 3rd Sept, 11:00; VIP**

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**Evolving Patterns of Anticipatory Governance - The Graphene Hype Wave**

*Dr Kornelia Konrad (University of Twente); Dr Carla Alvial Palavicino (Universidad Diego Portales)*

**When promises meet demands for translation, evidence and sustainability: the Balkanisation of personalised medicine**

*Dr Giovanni De Grandis (NTNU)*

**Forensic DNA Phenotyping: making human appearance predictable.**

*Mrs Marianna Fotiadou (University of Amsterdam)*

**Applying promises in demand-driven innovations: The case of smart mobility**

*Ms Darja Vrščaj (Eindhoven Technological University); Ms Tanja Manders*

**T094.5**

**Sat 3rd Sept, 14:00; VIP**

**How norms and standards in biotherapy play promising game?**

*Mrs Vincent deplaigine (EHESS)*

**We (have to) feed the world. Promises and lock-in in agriculture**

*Ms Fanny Pellissier (IFRIS)*

**Promiss or perish ! Doing science by other means in the regime of promising**

*Dr Marc Audétat (University of Lausanne)*

**Regimes of techno-scientific promises - Drawing on lessons from the past to understand the current regime**

*Dr Pierre-Benoit Joly (INRA and UPEM)*

**T094.6**

**Sat 3rd Sept, 16:00; VIP**

**Promises in deep geothermal energy provision: closing down possible pathways?**

*Dr Olivier Ejderyan (ETH Zurich)*

**Framing the bioeconomy: imaginaries of a transnational political project**

*Dr Barbara Ribeiro (University of Nottingham); Mr Robert Smith (King's College London); Dr Kate Millar (University of Nottingham)*

**Negotiating "Biometric Futures": Promises, Politics and Biometric Identification in Israel**

*Miss Michelle Spektor (MIT)*

**When the Future Never Comes: The Promises of AI**

*Ms Madeleine Elish (Columbia University)*

**T095. Sport, Technoscience, Medicine and Performance**

**Convenors: Dr Catherine Coveney (University of Sussex); Dr Jennifer Hards (Canterbury Christ Church University); Prof Alex Faulkner (University of Sussex)**

Global and personal sport is ever more constituted through sciences, technologies and biologies. The track explores medicine, therapy, performance, equipment and more. Issues include regulation, public spectacle, enhancement, therapeutic culture, fairness, welfare, embodiment.

**T095.1**

**Thu 1st Sept, 09:00; 133**

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**Knowledge Contested and Knowledge Absent: NFL Concussion Data and Legal Outcomes**

*Dr Jennifer Croissant (University of Arizona)*

**Duelling, Prize Fighting, and Boxing: The Role of Medicine and Technology in a Shifting Legal Terrain**

*Dr Jennifer Hardes (Canterbury Christ Church University)*

**Integrating Science and Technology into Sports: A Case Study of Sports Innovations in Belgium**

*Dr Michiel Van Oudheusden (KU Leuven)*

**Biomedicalisation and magic: regenerative therapies, evidence practices and faith healers in elite sport**

*Prof Alex Faulkner (University of Sussex); Dr Catherine Coveney (University of Sussex); Prof Jonathan Gabe (Royal Holloway, University of London); Prof Mike McNamee (Swansea University)*

**T095.2**

**Thu 1st Sept, 11:00; 133**

**The Tour de Technoscience: Lance Armstrong and the Sociology of the Techno-Athlete**

*Mr Samuel Haraway (University of California, Davis)*

**The good ride: performing valuing practices in riding bike**

*Mag. Robin Rae (University of Vienna)*

**Technologies of fitness: CrossFit, body politics and embodied wellbeing.**

*Dr Ian Wellard (Canterbury Christ Church University)*

**Cricket, Technology and the Politics of Speed**

*Ms Vidya Subramanian (Jawaharlal Nehru University (JNU))*

**Qualculation, Non-Qualculation and DAPS or How big-data surprisingly generated scared spaces in Professional Basketball**

*Mr Adir Wanono (Bar-Ilan University)*

**T096. Emerging biotechnologies in psychiatry and clinical psychology**

**Convenors: Mr Jonas Rueppel (Goethe-University Frankfurt); Dr Torsten Heinemann (University of California, Berkeley)**

**Sat 3rd Sept, 11:00; 117b**

This track explores the use of biotechnologies in psychiatry or clinical psychology and analyses the social, ethical, political and legal dimensions. It aims at mapping out the practices and effects of the biologization, geneticization and the proclaimed personalization of psychiatry.

**From Pharmacogenetics to Post-Genomic Revolution? Competing Narratives of Personalized Psychiatry**

*Mr Jonas Rueppel (Goethe-University Frankfurt)*

**From adaptation to neural regeneration: Neuroscientific views of depression beyond the serotonin hypothesis**

*Prof Ilpo Helén (University of Eastern Finland)*

**Subjective technologies and biosubjectivities: The entanglement of questionnaires and molecular genetics in the ontology of autism**

*Dr Gregory Hollin (University of Leeds)*

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**The neuroscience of psychopathy between medicalization and criminalization**

*Dr Torsten Heinemann (University of California, Berkeley)*

**Inconsistencies and multiple understandings: An analysis of culture-related aspects in DSM-5**

*Dr Anna Bredstrom (ISV, Linköping University)*

**T097. Engaged STS for inclusive development: exploring concepts, practices, networks, and policies towards inclusive and sustainable futures**

**Convenors: Ms Gabriela Bortz (Universidad Nacional de Quilmes); Dr Hernan Thomas (Universidad Nacional de Quilmes)**

**Chair: Gabriela Bortz**

*Discussant: Milena Serafim (UNICAMP, 1), Olga Ustyuzhantseva (Tomsk State National Research University)*

This session aims to problematise knowledge and technology production alternatives towards inclusive and sustainable development, building solutions for community development and to the extended deficit of access to basic goods, through empirical analysis, theoretical reflection, and policy debate.

**T097.1**

**Fri 2nd Sept, 16:00; M215**

**Exploring knowledge sustainability: strategies of rural grassroot organizations as change agents**

*M.A. Alejandro Balanzo (University of Twente)*

**Grassroots innovation in Russian context: prospects and implications**

*Dr Olga Ustyuzhantseva (Tomsk State National Research University)*

**How do actors construct their own tools?**

*Ms Flore Guiffault (School for advanced studies in social sciences)*

**Opening the 'black box' of participation in technologies for inclusive development: analyzing user involvement, techno-cognitive dynamics and decision making processes**

*Ms Gabriela Bortz (Universidad Nacional de Quilmes); Dr Hernan Thomas (Universidad Nacional de Quilmes)*

**T097.2**

**Sat 3rd Sept, 09:00; M215**

**Atoms for Development: Are nanotechnologies capable of generating dynamics of social inclusion?**

*Mr Tomás Carrozza (School of Agricultural Sciences-National University of Mar del Plata)*

**New Ways to Measure Scientific Research Impact As a Push Towards Social Innovation and Social Development. an Analysis of Argentina's Projects for Technological and Social Development.**

*Phd Candidate Mauro Alonso (Universidad de Buenos Aires - Facultad de Filosofía y Letras)*

**Perceptions of stakeholders about Brazil's National STI conference**

*Dr Milena Serafim (State University of Campinas - UNICAMP)*

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### T097.3

**Sat 3rd Sept, 11:00; M215**

**Engineering By Other Means: How the marginalized knowledges of low-income engineers contribute to sustainable community development**

*Prof Juan Lucena (Colorado School of Mines); Dr Jessica Smith (Colorado School of Mines)*

**The citizen participation in the case of GMO in Brazil.**

*Miss Maria Luísa Nozawa Ribeiro (Universidade Federal de São Carlos)*

**Disruptive technologies and sustainable community development: A communicative ecologies perspective**

*Dr Amalia Sabiescu (RMIT Europe); Prof Jo Tacchi (RMIT University)*

**Ethical dilemmas in wind-farm planning. On scale, norms and value-sets.**

*Ms Katinka Johansen (DTU)*

### T098. Energy Experiments

**Convenors: Dr Manuel Tironi (P. Universidad Católica de Chile); Dr Tomás Ariztía (Universidad Diego Portales)**

*Discussant: Alex Wilkie (Goldsmiths, University of London)*

From off-grid ecovillages to citizen monitoring of energy-related pollution, this panel explores energy experiments as projects in which energy is rendered both as an excitable material and as a site for political contestation.

#### T098.1

**Sat 3rd Sept, 11:00; 133**

**The Invisible Animateur: tracing the material and political liveliness of wind in Scotland**

*Dr Annabel Pinker (The James Hutton Institute)*

**Genealogy of an 'indigenous wind farm' in the region of Chiloe - Chile.**

*Dr Jorgelina Sannazzaro (Alberto Hurtado University)*

**Configuring electricity moralities - from a solar mini-grid pilot in Bangladesh**

*Ms Hanne Cecilie Geirbo (University of Oslo)*

**Energy experiments in off-grid regions - practitioners role and social impacts**

*Dipl. Geog. Carmen Dienst (Wuppertal Institute for Climate, Environment and Energy); Mr Willington Ortiz; Mrs Marie-Christine Gröne (Wuppertal Institute for Climate, Environment and Energy); Dr Julia Terrapon-Pfaff*

#### T098.2

**Sat 3rd Sept, 14:00; 133**

**Designing a new electricity consumer**

*Dr Trine Pallesen (Copenhagen Business School); Dr Rasmus Jenle*

**Designing energy experiments: scripting ambiguity and curiosity in a research device**

*Ms Liliana Ovalle (Goldsmiths University of London)*

**Energy biographies: Everyday life and socio-technical change in energy systems**

*Prof Karen Henwood (Cardiff University); Dr Christopher Groves (Cardiff University); Dr Fiona Shirani (Cardiff University)*

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**Brixton Energy: The transformational context of urban community energy projects**

*Ms Irene Hakansson (King's College London); Dr Bruno Turnheim (King's College London)*

**T098.3**

**Sat 3rd Sept, 16:00; 133**

**Experimenting for flexible and sustainable electricity consumption in a cooperative.**

*Mr Nick Verkade (Eindhoven University of Technology)*

**Exploring the Dutch community energy sector's socio-technical innovation potential**

*Ms Esther van der Waal (University of Groningen); Dr Henny van der Windt (FWN)*

**Energy and Community from Remote Locations**

*Dr Gloria Baigorrotegui (Instituto de Estudios Avanzados IDEA USACH)*

**T099. New frontiers in social gerontechnology - Exploring Challenges at the Intersection of STS and Ageing Studies**

**Convenors: Dr Louis Neven (Avans University of Applied Sciences); Dr Alexander Peine (Utrecht University)**

**Fri 2nd Sept, 11:00; 128**

This track brings together contributions at the intersection of STS, social gerontology and gerontechnology to arrive at empirically-grounded theoretical insights about the changing entanglement of later life with technoscientific objects.

**T099.1**

**Fri 2nd Sept, 11:00; 128**

**Images of ageing in architectural design for older people**

*Dr Christina Buse (University of York); Prof Sarah Nettleton (University of York); Dr Daryl Martin (University of York); Prof Julia Twigg (University of Kent)*

**Constructing the older end-user - Experiences from three years of working in AAL-projects**

*Ms Anna Wanka (University of Vienna); Mrs Vera Gallistl (Department of Sociology)*

**Older people caught between an autonomous life and autonomous technology?**

*Dr Carolin Kollwe (Heidelberg University)*

**Deconstructing ageing stereotypes through Participatory Design: a Design Anthropology perspective.**

*Miss Linda Tonolli (University of Trento); Mr Vincenzo D'Andrea; Dr Francesco Ceschel (University of Trento); Prof Antonella De Angeli (University of Trento)*

**Rejuvenating design - Bikes, Batteries, and older adopters in the diffusion of e-biking**

*Dr Alexander Peine (Utrecht University); Dr Louis Neven (Avans University of Applied Sciences); Ms Vivette Van Cooten (Avans University of Applied Science)*

**T099.2**

**Fri 2nd Sept, 14:00; 128**

**"The weight of the record": Japanese nurses and designed patients**

*Dr Tom Hope (Tokyo Tech); Dr Kentaro Watanabe (AIST); Dr Kosuke Yamada (Saga University Hospital)*

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**The production of risky domestic spaces and vulnerable elderly users for telecare provision. The case of social alarms in Spain.**

*Dr Juan C. Aceros (Universidad Industrial de Santander); Dr Miquel Domenech (Universitat Autònoma de Barcelona)*

**Elderly care/caring by means of everyday ICTs in Indian transnational families**

*Mrs Tanja Ahlin (University of Amsterdam)*

**Equal Facilitation of Clients' and Organizations' Needs? Enacting Gerontechnological Effects**

*Ms Jenny M. Bergschöld (Norwegian University of Science and Technology)*

**Past entanglements of the old age home**

*Mr Anders Møller (University of Copenhagen)*

**T099.3**

**Fri 2nd Sept, 16:00; 128**

**Life cycle robust neighbourhoods as ageing-in-place technologies**

*Ms Susan van Hees (Maastricht University); Prof Dirk Ruwaard (CAPRI- School for Public Health and Primary Care, Faculty of Health, Medicine and Life Sciences, Maastricht University); Dr Maria Jansen (Maastricht University / Public Health Service); Prof Klasien Horstman (Maastricht University)*

**Visual Representations of Digital Connectivity in Everyday Life**

*Dr Wendy Martin (Brunel University London); Dr Katy Pilcher (Aston University)*

**Senior\_a Cyborg. Doing health by using digital home-based technologies in troubled years.**

*Dr Monika Urban (University of Bremen)*

**Social Media in later life and social isolation**

*Dr Roser Beneito-Montagut (Cardiff University); Mrs Arantza Begueria (Fundació per a la Universitat Oberta de Catalunya); . Nizaiá Cassián Yde (Open University of Catalonia)*

**New lessons from old models: Reflecting on ethnographic fieldwork with 'gerontechnology' in a dementia care trial when imagining the technological future**

*Mr Matthew Larivière (University of East Anglia); Prof Fiona Poland (University of East Anglia); Dr Chris Fox (UEA)*

**T099.4**

**Sat 3rd Sept, 09:00; 128**

**No autonomy? Technology use by older people**

*Dr Katja Patzwaldt (German National Academy of Sciences Leopoldina)*

**The Social alarm. Established telecare for older people?**

*PhD Candidate Randi Stokke (NTNU in Gjøvik)*

**Tangible Memories: Co-designing proxy objects for storytelling in care homes**

*Dr Helen Manchester (University of Bristol)*

**Towards Socio-Gerontechnology: modelling the theoretical intersection of STS and gerontology**

*Dr Alexander Peine (Utrecht University); Dr Louis Neven (Avans University of Applied Sciences)*

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## **T100. Feminist Technoscience Studies in Unexpected Places: (Intra)Activism and Social Justice**

**Convenors:** Dr Ericka Johnson (Linköping University); Dr Celia Roberts (Lancaster University); Prof Lucy Suchman (Lancaster University, UK); Dr Karen Throsby (University of Leeds)

**Chair:** Lucy Suchman (Lancaster University,1), Kylie Valentine (UNSW Australia, 2,6), Karen Throsby (University of Leeds,3), Celia Roberts (Lancaster University, 4,5)

This track highlights the myriad ways in which FTS methods, theories, and concerns articulate the places and practices through which science and technology are performed, enact in/justice and can be transformative.

### **T100.1**

**Fri 2nd Sept, 14:00; 127**

**Mitochondrial Disease Patient Activism: Feminist Technoscience Governance Research in Places of Rarity**

*Dr Jacquelyne Luce (Mount Holyoke College)*

**Gender, experimentation and bioethics: medical controversies in India**

*Dr Salla Sariola (University of Oxford); Ms Deepica Ravindran (Center for Studies in Ethics and Rights, Mumbai)*

**Techno-ecologies of Solar Fields: Entangling landscape, bodies and ethico-politics**

*Dr Dagmar Lorenz-Meyer (Faculty of Humanities, Charles University in Prague)*

**What if? What then? What now? Diffracting broken hearts**

*Dr Stine Willum Adrian (Aalborg University, Copenhagen)*

### **T100.2**

**Fri 2nd Sept, 16:00; 127**

**Ethico-political Effects of an Accidental Bio-art**

*Dr Choon Key Chekar (University of Leeds); Prof Ruth Holliday (University of Leeds)*

**Enacting queer political fantasies of synchrony**

*Dr Nina Wakeford (Goldsmiths, University of London)*

**Feminist Technoscience at the Urinal**

*Dr David Griffiths (University of Surrey)*

**Material Intimacies: the syringe, science and gender**

*Dr Nicole Vitellone (University of Liverpool)*

**Activism #Fail? Considering deafness in organisational processes of video meeting technology procurement at Swedish television.**

*Ms Rebekah Cupitt (KTH Royal Institute of Technology)*

### **T100.3**

**Sat 3rd Sept, 09:00; 127**

**When Care 'Matters:' The Use of Social Media in Gezi Movement**

*Miss Ozgur Karakas (Open University of Catalonia)*

**Towards a feminist reading of the activist drone**

*Dr Marcela Suarez (Freie Universität Berlin)*

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**Domestic Disturbances: Big Data, Activist Intelligence, and #blacklivesmatter**

*Dr Beth Coleman (Waterloo)*

**Solving the Gender Digital Divide through Social Theatre: Where Is Technology's Agency?**

*Dr Adriana Gil-Juárez (Universitat Rovira i Virgili); Dr Joel Feliu (Universitat Autònoma de Barcelona)*

**Feminist interventions and everyday struggles for the protection of Forest Sámi cultures against "environmental friendly" power production and other colonial and racist technoaggressions**

*Dr May-Britt Öhman (Technoscience research group); Mr Petri Storlöpare*

**T100.4**

**Sat 3rd Sept, 11:00; 127**

**Refiguring childbirth: the logic of maternity care and the logic of women's reproductive choice in Taiwan**

*Dr Li-Wen Shih (Taipei Medical University)*

**Rethinking the Materiality of Hormone Treatment Risks: A Trans/Feminist Approach**

*Dr Sari Irni (University of Turku)*

**Obesity surgery, promissory technologies and technoscientific subjectivities**

*Dr Karen Throsby (University of Leeds)*

**Yearning for Justice: The Politics of the Social in Technoscience**

*Dr Coleen Carrigan (Cal Poly, San Luis Obispo)*

**Casting a Feminist Eye on Public Infrastructure**

*Ms Sarah Fox (University of Washington)*

**T100.5**

**Sat 3rd Sept, 14:00; 127**

**Biosensors: experience of self and world from 19th Century travel writing to contemporary fitness tracking**

*Dr Kate O'Riordan (University of Sussex)*

**Not Even There: Understanding early Automation Scares through FTS approaches**

*Prof Caroline Bassett (University of Sussex)*

**Earth Activist Training as feminist, multicultural, antiracist technoscience project**

*Dr Joan Haran (University of Oregon)*

**Egg freezing: new technological reproductive 'choices' and corporate 'freedoms'**

*Prof Maureen McNeil (Lancaster University)*

**Once more with feeling; emotion, agential realism and affective choreography in transformative STS research**

*Prof Ardath Whynacht (Mount Allison University)*

**T100.6**

**Sat 3rd Sept, 16:00; 127**

**Feminist technoscience perspectives on New Big Science**

*Dr Kerstin Sandell (Lund University)*

**Gender politics and synthetic biology: Practice, practitioners and potential**

*Dr Pablo Schyfter (The University of Edinburgh)*

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**Every day I'm hustlin': On being a Feminist STS scholar**

*Mrs Anna-Lena Berscheid (University of Paderborn)*

**A project-based learning experiment in feminist pedagogy**

*Dr Peter Taylor (University of Massachusetts Boston)*

**More than one way to solder a circuit: The politics of skill-sharing**

*Ms Ellen Foster (Rensselaer Polytechnic Institute)*

## **T101. Smart [Bits and Atoms] Health Technologies and their Social Worlds**

**Convenors:** Dr Piera Morlacchi (University of Sussex)

**Chair:** Piera Morlacchi (University of Sussex), Gill Haddow (The University of Edinburgh)

The aim of this track is to stimulate critical conversations about the social worlds of smart health technologies that are currently transforming health and care by creating new configurations of, for example, bodies, data and devices.

### **T101.1**

**Thu 1st Sept, 14:00; 117b**

**The evolution of bionic bodies, devices and their social worlds**

*Dr Piera Morlacchi (University of Sussex)*

**Everyday Cyborg: Ambiguous Embodiment and the Triad of I?**

*Dr Gill Haddow (University of Edinburgh)*

**Everyday Cyborgs & the Law: Transgressing Boundaries & Challenging Dichotomies**

*Prof Muireann Quigley (Newcastle University)*

### **T101.2**

**Thu 1st Sept, 16:00; 117b**

**Medical Wearables and Transformational Data: Experiences from an Artificial Pancreas Study**

*Dr Conor Farrington (University of Cambridge)*

**Sensing health and illness in the age of smart health technologies**

*Dr Sarah Maslen (University of Canberra)*

**3D Bioprint Me: reflections on growing your own in the lab**

*Dr Niki Vermeulen (University of Edinburgh)*

## **T102. Everyday analytics: The politics and practices of self-monitoring**

**Convenors:** Dr Minna Ruckenstein (Consumer Society Research Centre); Dr Catherine Will

(University of Sussex); Dr Christopher Till (Leeds Beckett University); Prof Flis Henwood

(University of Brighton); Dr Kate Weiner (University of Sheffield)

Self-monitoring is entering many spheres of everyday life. The democratisation of tracking brings both new possibilities and new legal, institutional and commercial pressures. The track will explore the practices, meanings, identities and collectivities constituted through self-monitoring.

### **T102.1**

**Thu 1st Sept, 09:00; 134**

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## **QS & Personal Genomics in France, Austria, Finland & US: A Cross-Country Comparative Discussion**

*Dr Judith Gregory (University of California-Irvine); Mr Bastian Greshake (openSNP); Dr Minna Ruckenstein (Consumer Society Research Centre); Dr Eric Dagiral (Université Paris Descartes, Sorbonne Paris Cité, CERLIS)*

### **Datafied life and contradictory evidence**

*Dr Mika Pantzar (University of Helsinki)*

### **The Glucometer: Figures don't lie, but women figure**

*Dr Maki Iwase (University of Toronto)*

### **The 'Subjective' Self: A Paradoxical Multiplicity**

*Ms Farzana Dudhwala (Oxford University)*

### **Health self-monitoring in Brazil: laboratories, test results and the healthcare system**

*Dr Elena Calvo González (Federal University of Bahia)*

## **T102.2**

**Thu 1st Sept, 11:00; 134**

### **Data Sense: People's Engagements with Their Personal Digital Data**

*Prof Deborah Lupton (University of Canberra)*

### **Self-monitoring as work: office workers use of a self-monitoring device to critique their workplace culture**

*Miss Amie Weedon (Loughborough University); Dr Paula Saukko (Loughborough University)*

### **From Quantified to Curious Self: Questioning Underlying Assumptions of Activity Tracking**

*Nanna Gorm (IT University of Copenhagen)*

### **Healthier, fitter, happier, thinner or what? The emergence and meaning of values, quantities, qualities and norms in self-tracking practices**

*Mr Eryk Noji (University of Hagen); Dr Karolin Eva Kappler (FernUniversität in Hagen)*

### **Doing calories: exploring (self-)tracking of calories**

*Ms Gabija Didžiokaitė (Loughborough University); Dr Paula Saukko (Loughborough University); Dr Christian Greiffenhagen (The Chinese University of Hong Kong)*

## **T102.3**

**Thu 1st Sept, 14:00; 134**

### **Caring by numbers: why are companies making us healthy?**

*Dr Christopher Till (Leeds Beckett University)*

### **Everyday analytics and the politics of the behavioral**

*Dr Minna Ruckenstein (Consumer Society Research Centre)*

### **Quantified health; merging clinics and consumer markets**

*Msc Marjolijn Heerings; Dr Ingrid Geesink (Rathenau Instituut)*

### **Illness, Disease, and Sickness: What do we track and for whom?**

*Mrs Margaret Machniak Sommervold (University of Oslo)*

## **T102.4**

**Thu 1st Sept, 16:00; 134**

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**Smart jewellery: measuring the unknown**

*Dr Martin Berg (Halmstad University)*

**The waning of the self in self-tracking**

*Dr Natasha Schull (NYU)*

**Becoming Your Own Device: Promoting self-tracking challenges in the workplace**

*Mr Steven Richardson (Queen's University); Ms Debra Mackinnon (Queen's University)*

**"We're Not Interested in Robots": Self-Monitoring and Scientific Research**

*Mr Tom Clarke (University of Leeds)*

**"The self as a laboratory"**

*Mrs Dorthe Kristensen (University of Southern Denmark); Dr Matthias Bode (University of Southern Denmark)*

**T102.5**

**Fri 2nd Sept, 09:00; 134**

**Infrastructuring home blood pressure monitoring**

*Dr Kate Weiner (University of Sheffield); Dr Catherine Will (University of Sussex)*

**Temporalities of Personal Analytics: emerging patterns of engagement with temporal data about the self**

*Dr Martin Hand (Queen's University); Ms Michelle Gorea (Queens University)*

**Self-tracking technologies and 'active aging'; An ethnography of a sensor-based technology for the promotion of physical rehabilitation and home training**

*Dr Nete Schwennesen (Copenhagen University)*

**Access to medical records as self-monitoring: relational practices and emerging normativities**

*Dr Federica Lucivero (King's College London)*

**'How are We Doing?': One American Single Mother by Choice Family as a Case Study of Neo-Liberal Self-Regulation**

*Dr Linda Layne (Cambridge)*

**T103. Stoking the Anthropocene?**

**Convenors: Dr Saurabh Arora (University of Sussex); Prof Andy Stirling (University of Sussex)**

**Sat 3rd Sept, 16:00; 114**

Engagements with the Anthropocene have become increasingly prevalent in recent years. We invite contributions that consider the relational implications of diverse interventions in the anthropocene debate, particularly in terms of the interveners' responsibilities.

**Fighting the Technosphere, and other Anthropocenic Angsts (A Kitchen Debate)**

*Prof Gabrielle Hecht (University of Michigan); Prof Paul Edwards (University of Michigan)*

**Shrinking, bending and stretching? The coupling and intersection of Rights of Nature and the Anthropocene**

*Dr Cristina Espinosa (University of Freiburg); Prof Michael Pregernig (University of Freiburg)*

**Poetics of excess in times of ecological crisis: A plea for environmental indeterminisms**

*Dr Antonia Walford (UCL); Dr Cristobal Bonelli (University of Amsterdam)*

**Finding Nemo: can there be a 'good' in the Anthropocene?**

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*Dr Laura Pereira (Stellenbosch University); Dr Rika Preiser*

**Natural Anthropocene?**

*Dr Svein Anders Noer Lie (University of Tromsø)*

**T104. Enhancement Cultures and Future Bodies**

**Convenors:** Mr Martin Sand; Mr Christopher Coenen (KIT); Dr Melike Sahinol (Orient-Institute Istanbul)

**Fri 2nd Sept, 11:00; 117a**

We invite contributions that focus on practices or visions of body modification in different cultural settings, shedding light on heterogeneous ways in which bodies may be (per)formed now and in the future. This can include but does not need to be limited to so-called 'human enhancement'.

**Removing animal bodies in the post-animal bioeconomy**

*Dr Arianna Ferrari (ITAS/KIT)*

**Cultural and political reasons for the gap between South-Eastern and Western European ethico-political discourse on 'human enhancement'**

*Dr Franc Mali (Ljubljana University)*

**Bioprinting, beauty, and future longevity**

*Mr Stefan Reschke (Fraunhofer INT)*

**Does, who says 'disability compensation', imply 'Aristotelian loss'? Five Ways to conceptualize 'disability' and its 'compensation'**

*Dr Katja M. Stoppenbrink (University of Muenster, Germany)*

**T105. Wild research: Radical openings in technoscientific practice?**

**Convenors:** Dr Adolfo Estalella (Spanish Research Council (CSIC)); Dr Tomás Criado (TU München)

**Sat 3rd Sept, 14:00; 131**

An exploration into the radical openings of technoscientific research produced in recent years that we call 'wild research': collaborative and material-oriented forms of knowledge production by other means, and how they could foster an STS otherwise.

**Co-producing evidence: ethnographic inquiry of evidence-based activism of patients' organizations**

*Mrs Fanny Duysens (University of Liège)*

**Testosterone Enacted: Concerned Groups and Transgender Healthcare Policies**

*Dr Esther Ortega Arjonilla*

**Caring otherwise: Self-experimental politics of independent living**

*Dr Tomás Criado (TU München); Dr Israel Rodríguez-Giralt (Universitat Oberta de Catalunya)*

**When non-scientists do science**

*Dr Caitlin Wylie (University of Virginia)*

**The free archive, the architecture of experiment, and the city**

*Dr Adolfo Estalella (Spanish Research Council (CSIC))*

**Researching the co-creation: Co-production of knowledge in local innovation.**

*Prof Jose Ismael Pena Reyes (Universidad Nacional de Colombia); Mr Juan Reina (Universidad Nacional de Colombia)*

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## **T106. Citizen science: Beyond the laboratory**

**Convenors:** Dr Carsten Oesterlund (Syracuse University); Dr Andrea Wiggins (University of Maryland); Mr Gabriel Mugar (Syracuse University)

*Discussant:* Alan Irwin (Copenhagen Business School)

Citizen science constitutes a rich and evolving arena in the production of scientific knowledge, raising questions that speak to the core of STS scholarship. This track will expand the dialogue around this growing practice of knowledge creation through traditional and cutting edge STS perspectives.

### **T106.1**

**Sat 3rd Sept, 09:00; 132**

**Landscapes and Property Lines: the contradictory practices of citizen scientists.**

*Ms Karin Patzke (Rensselaer Polytechnic Institute)*

**Who are the citizens in citizen science? Public participation in distributed computing**

*Dr Elise Tancoigne (Unige); Prof Bruno J. Strasser (University of Geneva; Yale University); Dr Jerome Baudry (University of Geneva)*

**Traditional Knowledge, Citizenship, and the Conditions of Scientific Participation**

*Dr Sarah Blacker (Max Planck Institute for the History of Science)*

**Architecture and social sciences' spatial turn: dialogue or monologue?**

*Ms Griselda Macareno de los Santos (Universidad de las Americas Puebla); Dr Leandro Rodriguez-Medina (Universidad de las Americas Puebla)*

**Toward an inherently collaborative rhetoric of science communication**

*Mrs Erika Szymanski (University of Edinburgh)*

### **T106.2**

**Sat 3rd Sept, 11:00; 132**

**Trading Zones, Citizen Science and New Infrastructures for Knowledge Production**

*Dr Per Hetland (Oslo University)*

**Scientists, Citizen Scientists, and the People in the Middle**

*Ms Hined Rafeh (Drexel University, Rensselaer Polytechnic Institute)*

**Enrolling scientists, citizens and lichens for knowing the chronic effects of pollution in the Fos-sur-mer industrial area (France)**

*Dr Christelle Gramaglia (IRSTEA); Mr Philippe Chamaret (Institut Ecocitoyen pour la Connaissance des Pollutions)*

**Co-Creating Research Agendas through Multi-Actor Engagement**

*Mr Niklas Gudowsky (Austrian Academy of Sciences)*

### **T106.3**

**Sat 3rd Sept, 14:00; 132**

**A typology of citizen science technologies**

*Dr Anne Bowser (Woodrow Wilson International Center for Scholars); Dr Andrea Wiggins (University of Maryland)*

**Microfluidic systems: challenges and opportunities for citizen science**

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*Dr Mary Amasia (Madeira Interactive Technologies Institute)*

**Privacy and Responsible Research in Citizen Science projects**

*Dr Gemma Galdon Clavell (Eticas research and Consulting)*

**Awareness and attitudinal change in participatory air pollution monitoring**

*Dr Christian Oltra (CIEMAT); Miss Ainhoa Jorcano; Dr Irene Eleta (CREAL-ISGlobal); Dr Roser Sala (CIEMAT-CISOT)*

**T107. Maker Movement, FabLabs, Hackerspace and improvisation: Science, Technology and Education by other means?**

**Convenors:** Mr André Alessandro Gomes de Souza (Alliance Manchester Business School); Ph.D. Candidate Rodrigo Barbosa e Silva (Universidade Tecnológica Federal do Paraná); Dr Luiz Ernesto Merkle (Universidade Tecnológica Federal do Paraná)

Maker Movement/DIY in education, social spaces and collectives, maker and hacker culture, and the socio-technical basis of hands-on and constructionist learning. It aims on all practitioners, social scientists, educators, policy and tech makers, designers and researchers .

**T107.1**

**Sat 3rd Sept, 11:00; 123**

**BioHack\*Kolding : bringing science to citizens and citizens to science**

*Dr Danielle Wilde (University of Southern Denmark, Kolding)*

**Do-it-yourself but do it together: Interdisciplinary Design Studio**

*Dr Arsev Aydinoglu (Middle East Technical University); Dr Pinar Kaygan (Middle East Technical University)*

**Critical Making: Amish Innovation for Community Empowerment**

*Ms Lindsay Ems (Butler University)*

**The Co-Construction of Makers and Digital Fabrication Technologies, The Case Study of Israeli Women-Makers**

*PhD Candidate Noa Morag Yaar (Bar Ilan University)*

**Public Network of Digital Fabrication Laboratory of São Paulo City**

*Mr Artur Vasconcelos Cordeiro (City Hall of São Paulo); Miss Juliana Silva (São Paulo City Hall)*

**T107.2**

**Sat 3rd Sept, 14:00; 123**

**The Brazilian Reception of Computer Laboratories by Educational Institutions: controversies about their determining contributions to actual communities**

*Ph.D. Candidate Rodrigo Barbosa e Silva (Universidade Tecnológica Federal do Paraná); Dr Luiz Ernesto Merkle (Universidade Tecnológica Federal do Paraná); Dr Paulo Blikstein (Stanford University)*

**Crafters, Makers, and Takers: A Critical Look at Maker Rhetoric**

*Dr Dawn Neill (California Polytechnic State University); Dr Coleen Carrigan (Cal Poly, San Luis Obispo)*

**The disabled maker subject and the future of DIY Adaptive Technology**

*Mx Cath Duchastel de Montrouge (York University); Dr Melanie Baljko (York University)*

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**Open Source: Precipitating Events of Change**

*Mr André Alessandro Gomes de Souza (Alliance Manchester Business School)*

**T107.3**

**Sat 3rd Sept, 16:00; 123**

**Social Manufacturing: Towards the popularization of personalized fabrication**

*Dr Raúl Tabarés (TECNALIA); Dr María Teresa Moreno (TECNALIA); Dr Amaia Sopelana (TECNALIA); Mr Jorge García Valbuena (Tecnalia Research & Innovation)*

**New civic facilities for cities: Ateneus de Fabricació.**

*Mr Paco Gonzalez (Universitat Pompeu Fabra)*

**Technology Enthusiasts' Organizational Platforms of Innovation: Hams, Hackers, and Makers**

*Miss Sophie LeBlanc (University of Toronto); Dr Chen-Pang Yeang (University of Toronto)*

**LudoMaker : How to Equip Creativity Through the Making of Games**

*Dr Vinciane Zabban (Experice - Paris 13 University); Prof Vincent Berry (University Paris 13); Mr Nicolas PIÑEROS (Université Paris 13)*

**T108. Urban STS and Post-Socialist Cities**

**Convenors: Dr Andrey Kuznetsov (Tomsk State University; Volgograd State University)**

*Discussant: Tauri Tuvikene (Tallinn University)*

The purpose of the track is to bring together scholars from Eastern Europe and ex-USSR so as to discuss a state of art in STS research of Post-Socialist cities.

**T108.1**

**Fri 2nd Sept, 14:00; 112a**

**A Cure for the "Ideology Syndrome": or, how the study of socialist urbanity can benefit from assemblage thinking**

*Dr Diana Kurkovsky West (European University at St. Petersburg)*

**Mikroraion as a Sociotechnical Assemblage or Towards a History of Second World Materiality**

*Dr Daria Bocharnikova (St. Petersburg State University)*

**Re-forming Heating System of Russian Cities: People and Material Infrastructure**

*Dr Evgeniya Popova (Tomsk State University)*

**(Re)Thinking city through culture: technology, identity and urban cultural development in Siberian regions**

*Prof Dmitry Galkin (Tomsk State University)*

**Urban Justice in Western and Post-Soviet Cities: Some Theoretical Remarks**

*Mr Evgenii Karchagin (Volgograd State University of Architecture and Civil Engineering)*

**T108.2**

**Fri 2nd Sept, 16:00; 112a**

**Mobile and Material Semiotics of Post-Soviet Mobilities: Opportunities and Inequalities in Flexible Urban Public Transport (case of Volgograd)**

*Dr Andrey Kuznetsov (Tomsk State University; Volgograd State University)*

**Assembling transportation in the Post-Socialist city - the case of Belgrade**

*Ms Ivana Suboticki (Norwegian University for Science and Technology)*

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**Human and non-human infrastructures of fare payment in post-soviet public transport**

*Mr Denis Sivkov (RANEPA, Volgograd branch)*

**Transformation of spaces in post-Soviet cities: communities of practice in IT-industry**

*Dr Liliia Zemnukhova (Sociological institute of the Russian Academy of Sciences)*

**T109. Emerging forms of "life" in STS**

**Convenors: Dr Chikako Takeshita (University of California, Riverside)**

**Sat 3rd Sept, 16:00; 131**

This panel explores how the notion of an autonomous and individualized "life" is being undermined by recent scientific discoveries and advancements in life-manipulating technologies. Diverse STS scholars with an interest in new ontologies of "life," including ecological and symbiotic, are welcome.

**Where Does a Body End? On access, accessories, and living media**

*Mr Christopher Miles (Indiana University)*

**Earthly epistemologies, alien ontologies and life by other means**

*Ms Valentina Marcheselli (University of Edinburgh)*

**Surveilling zygotes: Knowledge produced by time-lapse incubators**

*Dr Sandra Patricia González-Santos (UIA/UNAM)*

**Constructing Egg-freezing Users and Risks: ARTs and Life Management in Taiwan**

*Dr Yuling Huang (National Cheng Kung University)*

**T110. What does it mean to be Human in the 21st Century?**

**Convenors: Dr Ilke Turkmendag (Newcastle University); Prof Paul Martin (University of Sheffield)**

**M214**

**Thu 1st Sept, 14:00;**

This track brings together papers that consider understandings of what it means to be human in the 21st Century, how established notions are being remade in the light of new scientific and technological knowledge, and the formation of new politics, norms and imaginaries around future humans.

**T110.1**

**Thu 1st Sept, 14:00; M214**

**Public Cancer Patienthood in the Post-Genomics Era**

*Dr Tineke Broer (University of Edinburgh); Dr Emily Ross (University of Edinburgh); Dr Choon Key Chekar (University of Leeds); Prof Sarah Cunningham-Burley (University of Edinburgh)*

**Implantable Brain Technologies and The Creation of Cyborgs**

*Ms Beth Strickland (University of Illinois, Urbana-Champaign)*

**Stressed bodies, epigenetics and the biology of social experience**

*Prof Paul Martin (University of Sheffield)*

**Epigenetic human: Maternal responsibility in making 'good' humans**

*Dr Ilke Turkmendag (Newcastle University)*

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## T110.2

**Thu 1st Sept, 16:00; M211**

**Prosthesis, Enhancement and Wounding: The 'Productive Body' in the 21st Century**

*Prof Brian Bloomfield (Lancaster University); Dr Karen Dale (Lancaster University)*

**Flexing the Boundaries: Transgenderism in the 21st century.**

*Dr Miriam Baldwin (Newcastle University)*

**Who Controls The Cyborg?**

*Dr Gerard Briscoe (Glasgow School of Art)*

**21st century green-collar workers**

*Mr Roger Andre Sjøraa (NTNU: Norwegian University of Science and Technology); Dr Håkon Fyhn (Norwegian University of Science and Technology); Dr Jøran Solli (Norwegian University of Science and Technology)*

**Prosthetic Humanity: from epistemological engines to soteriological tropes**

*Dr Christophe Lazaro (University of Namur)*

## T110.3

**Fri 2nd Sept, 09:00; M214**

**Temporality and the Specious Present: time, self, and perception**

*Dr Lisa Nelson (University of Pittsburgh)*

**Renaming, redefining and remaking: Emergence of genopolitics and homo politicus**

*Mr Kaya Akyuz (University of Vienna)*

**The construction of dual-process models from lab to policy**

*Mr Chad Valasek (UC San Diego)*

**Is Embryology Posthumanist?**

*Dr Isabel Gabel (University of Chicago)*

## T111. Body, Science and Expertise

**Convenors: Dr Clarice Rios (State University of Rio de Janeiro); Dr Daniela Manica (Federal University of Rio de Janeiro); Dr Rogerio Azize (Institute for Social Medicine - State University of Rio de Janeiro)**

This track examines the pair body/knowledge from two possible interpretive frameworks: the body as the focus of various forms of knowledge; and the body as a prerequisite for knowledge, making it possible to think critically about the limits and possibilities of scientific knowledge

### T111.1

**Fri 2nd Sept, 11:00; 122**

**Hearing Voices: Audio forensics and expert listening in the legal arena**

*Dr Michael Mopas (Carleton University)*

**Reconceiving the Body: Embryo Imaging, Professional and Lay Visions**

*Dr Manuela Perrotta (Queen Mary University of London)*

**Materializing the (criminal) body: Science and culture in forensic genetics**

*Dr Filipe Santos (Universidade de Coimbra); Prof Helena Machado (University of Coimbra)*

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**Bodies, structure of feeling and experience: opportunities for new assemblages at the Spanish intersex clinic**

*Prof Rosa Medina-Doménech (Univesity of Granada); Mx Sandra Fernández Garrido (University of Granada)*

**T111.2**

**Fri 2nd Sept, 14:00; M211**

**Seeing Eye to Eye: Multiple Embodiments of Vision in Ophthalmology**

*Mr Adam Baim (University of Chicago)*

**Interfacing Bodies - Interface and Interaction Design in Remote Controlled Medical Interventions**

*Ms Kathrin Friedrich (Humboldt-Universität zu Berlin)*

**Scrubbing In: The Role of Industry in Robotic Surgery**

*Mr William Drust (Loyola University Chicago)*

**Designing bodies in action**

*Mr Stephen Neely (Carnegie Mellon University); Ms Katherine Scott (Carnegie Mellon University)*

**T111.3**

**Fri 2nd Sept, 16:00; 134**

**Bodily performance of scientific authority in how-to manuals on presenting**

*Dr Alexandra Supper (Maastricht University)*

**"Detox" therapies, a thought style developing on the internet**

*Dr Kenneth Rochel de Camargo, Jr (Universidade do Estado do Rio de Janeiro); Prof Elaine Rabello (Universidade do Estado do Rio de Janeiro); Dr André Mendonça (UERJ); Dr Claudia Medina Coeli (Universidade Federal do Rio de Janeiro)*

**Orphaned Patients: Living between Cure and Sickness in a Post-leprosy World**

*Dr Yiling Hung (Chiao Tung University)*

**T112. The Experimental Life of Plants: Botanical Being in Scientific Practice and Beyond**

**Convenors: Ms Nicole Labruto (Massachusetts Institute of Technology)**

*Discussant: Natasha Myers (York University)*

Plants are a vital material substrate for scientific investigation. This panel gathers scholarly and artistic engagements with plants to consider experimentation as a lens onto plants, and to think plants as central subjects in STS, examining their adaptability, rootedness, and synthesizing powers.

**T112.1**

**Fri 2nd Sept, 09:00; 117b**

**The War between Amaranth and Soy: Interspecies Resistance to Transgenic Crops in Argentina and Paraguay**

*Dr Sainath Suryanarayanan (University of Wisconsin-Madison); Dr Katarzyna Beilin (University of Wisconsin, Madison)*

**Hedging the Apocalypse: Stories From the Practices of Seed Banking**

*Ms Xan Chacko (University of California-Davis)*

**Contamination and Care: Controlling Sugarcane in a Brazilian Transgenic Laboratory**

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*Ms Nicole Labruto (Massachusetts Institute of Technology)*

**Ways of knowing plants: the case of synthetic biology and the Phytobrick**

*Dr Dominic Berry (University of Edinburgh)*

**Geommerce, the Plant-Bot and the projection of Imaginative Performances: Turning Crops Into Mines.**

*Mr Gionata Gatto (Loughborough Design School)*

**T112.2**

***Fri 2nd Sept, 11:00; 117b***

**Vegetal Experience**

*Ms Oana Suteu (National Filmboard of Canada); Prof Xin Wei Sha (Arizona State University)*

**Dwarf Shrubs and the Contingency of Form: Plant Functional Traits and Landscape Historiography in the Lesotho Highlands**

*Mr Colin Hoag (University of California, Santa Cruz; Aarhus University)*

**Flora Luma: a research-oriented artistic exploration of human-vegetal hybrid reality**

*Ms Raune Frankjær (Aarhus University)*

**Participation as if art mattered - art between politics and ecology**

*Mrs Line Marie Thorsen (Aarhus University)*

**T113. Critical data studies**

**Convenors: Dr Charlotte Mazel-Cabasse (University of California, Berkeley); Dr Stuart Geiger (UC-Berkeley); Dr Laura Noren (New York University); Dr Gretchen Gano (University of California Berkeley); Dr Brittany Fiore-Gartland (University of Washington); Prof Massimo Mazzotti (University of California, Berkeley)**

We invite papers investigating datadriven techniques in academic research and analytic industries and the consequences of implementing datadriven products and processes. Papers utilizing computational methods or ethnography with theorization of technology, social power, or politics are encouraged.

**T113.1**

***Sat 3rd Sept, 09:00; 116***

**Scientific Open Data: Questions of Labor and Public Benefit**

*Ms Irene Pasquetto (UCLA); Ms Ashley E. Sands (UCLA)*

**It's the context, stupid: Reproducibility as a scientific communication problem**

*Dr Brittany Fiore-Gartland (University of Washington); Ms Anissa Tanweer (University of Washington)*

**Condensing Data into Images, Uncovering "the Higgs"**

*Prof Martina Merz (Alpen-Adria-University Klagenfurt / Wien / Graz)*

**Data Pedagogy: Learning to Make Sense of Algorithmic Numbers**

*Mr Samir Passi (Cornell University)*

**Big Data or Big Codata? Flows in Historical and Contemporary Data Practices**

*Mr Michael Castelle (University of Chicago)*

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### **T113.2**

**Sat 3rd Sept, 11:00; 116**

**Talking to Non-Experts about Data: Translating and Synthesizing Modeling Data in Design Teams**

*Prof Gina Neff (University of Oxford)*

**Emerging Practices of Data-Driven Accountability in Healthcare: Individual Attribution of C-Sections**

*Dr Kathleen Pine (ASU)*

**The (in)credibility of data science methods to non-experts**

*Daan Kolkman (University of Surrey)*

**Big data and the mythology of algorithms**

*Dr Howard Rosenbaum (Indiana University)*

### **T113.3**

**Sat 3rd Sept, 14:00; 116**

**Infrastructuring data analysis in Digital methods with digital data and tools**

*Dr Klara Benda (IT University of Copenhagen)*

**"An afternoon hack" Enabling data driven scientific computing in the open**

*Dr Charlotte Mazel-Cabasse (University of California, Berkeley)*

**Playing with educational data: the Learning Analytics Report Card (LARC)**

*Dr Jeremy Knox (The University of Edinburgh)*

**Data science / science studies**

*Prof Cathryn Carson (University of California, Berkeley)*

### **T113.4**

**Sat 3rd Sept, 16:00; 116**

**Critical Information Practice**

*Dr Yanni Loukissas (Georgia Tech); Dr Matt Ratto (University of Toronto); Gabby Resch (University of Toronto)*

**Actor-Network VS Network Analysis VS Digital Networks Are We Talking About the Same Networks?**

*Dr Tommaso Venturini (King's College); Dr Anders Kristian Munk (University of Aalborg); Mr Mathieu Jacomy (Sciences Po)*

**The Navigators**

*Dr Nicholas Seaver (Tufts University)*

**Big data and the rise of computational risk objects**

*Dr Anne Beaulieu (Energy Academy Europe/U of Groningen)*

## **T114. Innovation, Economic Driver, Disruption: Utopias and Critiques of Making and Hacking**

**Convenors: Dr Anita Chan (University of Illinois, Urbana-Champaign); Dr Denisa Kera; Dr Silvia Lindtner (University of Michigan); Dr Jeffrey Bardzell (Indiana University); Dr Shaowen Bardzell (Indiana University)**

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This track investigates how STS can interject criticality in contemporary “making” and “hacking” discourses, while taking seriously underlying desires of utopian world making. We invite debate, paper and workshop submissions that explore questions of prototyping, labor, exclusion, center-periphery.

### **T114.1**

**Fri 2nd Sept, 16:00; 130**

**The Dark Side of Crowdsourced Film Projects or how Freedom was Swallowed By Neoliberalism**  
*Mr Pedro Cabello (New York University)*

**Emergence of collaborative innovation spaces : technoutopia and inequality in SCL (2010-2015)**  
*Mr Francisco Rojas Fontecilla (Universidad de Chile); Mr Martin Perez Comisso (Universidad de Chile)*

**Hackerspaces as sites of flexible urban digital labor: The case of door systems**  
*Dr Maxigas . (Universitat Oberta de Catalunya)*

**The Role of Context in the Creation of Digital Technology**  
*Mr Kari Koskinen (The London School of Economics and Political Science)*

### **T114.2**

**Sat 3rd Sept, 09:00; 130**

**Hacking New Global Orders: Local Startup Networks and Re-scaling Innovation Ecologies in New Millennial Ecuador**  
*Dr Anita Chan (University of Illinois, Urbana-Champaign)*

**Aspirations Here/Elsewhere: Alternative World-Making for Hackers and DIYbiologists**  
*Ms Cindy Lin (University of Michigan, Ann Arbor)*

**Unpacking the mass-entrepreneurship and innovation landscape in China: makerspaces/incubators**  
*Mr ShihMing Wu (Tsinghua University)*

**Multiple stories: Making makerspaces in Nairobi**  
*Ms Alev Coban (Goethe University Frankfurt)*

**How Western Making Imagines Premodern Post-apocalyptic Geographies**  
*Dr Josef Nguyen (University of Texas at Dallas)*

### **T114.3**

**Sat 3rd Sept, 11:00; 130**

**Making Inquiry: Making as Research**  
*Dr Jeffrey Bardzell (Indiana University)*

**Making Taiwan: How a "Citizen's Phone" became a Site of Nation-Building**  
*Dr Shaowen Bardzell (Indiana University)*

**Making China: The Open Source Phone and the Nation as a Design Material**  
*Dr Silvia Lindtner (University of Michigan)*

**Hacking, industry, and their agonistic struggles over mobile phone infrastructure**  
*Dr Susann Wagenknecht (University of Siegen); Dr Matthias Korn (University of Siegen)*

### **T114.4**

**Sat 3rd Sept, 14:00; 130**

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**Do! Make! Share! The hacker spirit, individual agency, and community**

*Dr Sarah Davies (University of Copenhagen)*

**Digital Disruption in the Recording Industry**

*Dr Hyojung Sun (University of Edinburgh)*

**'Making' a Difference? Measurable Impact and the SEAD Movement**

*Ms Kari Zacharias (Virginia Tech)*

**Creating CoMotion: Visions of Innovation in University MakerSpaces**

*Ms Samantha Shorey (University of Washington)*

**Made in Africa: Making, doing, and the labor of future-making**

*Dr Seyram Avle (University of Michigan)*

**T114.5**

**Sat 3rd Sept, 16:00; 130**

**Steve Jobs, Terrorists, Gentlemen and Punks: Strange Comparisons of Biohackers**

*Dr Morgan Meyer (Agro ParisTech)*

**To Code is Human**

*Ms Tiffany Cheng (Barnard College)*

**Indonesian Open Science, Hacker and Maker movements in the context of Universities'**

**"Community Service Programmes"**

*Dr Denisa Kera; Ms Cindy Lin (University of Michigan, Ann Arbor); Mr Ujang Fahmi*

**Prototype Tools!: Machines, Fabrication Infrastructure, and Access to Precision and Control**

*Ms Nadya Peek (MIT)*

**T115. Remaking the biosocial by other means**

**Convenors: Prof Susan Kelly (University of Exeter); Dr Sahra Gibbon (University College, London)**

Health, genetics, climate, agriculture, and human/nonhuman relations are areas where biosocial knowledge is being constituted. The track seeks comparative national and/or transnational perspectives on the Biosocial, and on forms of biological plasticity and/or social determinism they entail/produce.

**T115.1**

**Fri 2nd Sept, 16:00; 131**

**Systems science and epidemiology: the need for a different epistemology**

*Dr Kenneth Rochel de Camargo, Jr (Universidade do Estado do Rio de Janeiro); Dr Claudia Medina Coeli (Universidade Federal do Rio de Janeiro)*

**Remaking the biosocial and cancer risk in southern Brazil.**

*Dr Sahra Gibbon (University College, London)*

**"A Most Bountiful Source of Inspiration": Theodosius Dobzhansky, Tropical Ecology, and the Adaptationist Program of Evolutionary Genetics**

*Mr Tito Carvalho (University of California, San Diego)*

**Social considerations of current theorizing about the evolution of cooperation**

*Prof Ullica Segerstrale (Illinois Institute of Technology)*

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## T115.2

**Sat 3rd Sept, 09:00; 131**

**Zika and the Biosociality of Emerging infectious Diseases**

*Prof Susan Kelly (University of Exeter)*

**The bio-silico-social assemblages: science and non/patienthood**

*Dr Annamaria Carusi (University of Sheffield)*

**Anticipation, Choice, and Personal Responsibility: Medicalization of Menopause as a Case Study of Gendered Governmentality**

*Dr Maral Erol (Istanbul Medipol University)*

**Pandora's Box: Increasing of IVF by Population Policy and unwanted consequences**

*Dr Jung-Ok Ha (Seoul National University)*

## T116. Counting By Other Means

**Convenors: Dr Alex Taylor (Microsoft Research); Prof Sarah Kember (Goldsmiths, University of London)**

*Discussant: Phoebe Sengers (Cornell University)*

The computational count is everywhere. Ubiquitously, its logics of efficiency organise time and figure things in an alluringly singular way. How are we to make sense of this computational regime, and how might we imagine alternate encounters that thrive in a promiscuity of counting and time-telling?

## T116.1

**Thu 1st Sept, 16:00; M215**

**The Slow Times of the Digital**

*Dr Paul Dourish (UC Irvine)*

**Digital Accessibility (Ac)counting in Arts and Culture Venues**

*Dr Amanda Windle (University of the Arts London)*

**Counting the Future; the designed artefacts of prediction**

*Mr David Benque (Royal College of Art)*

**Making inventions count: the gender politics of design patents**

*Dr Kat Jungnickel (Goldsmiths)*

**Writerly (ac)counts of finite flourishings and possibly better ways of being together**

*Dr Alex Taylor (Microsoft Research); Prof Sarah Kember (Goldsmiths, University of London)*

## T116.2

**Fri 2nd Sept, 09:00; M211**

**Capital numbers and the obscure numericality of code**

*Prof Adrian Mackenzie (Lancaster University)*

**Reimagining Work: Heart Labor, Heart Time**

*Dr Lucian Leahu (ITU Copenhagen)*

**Secretaries, Counting Time and AI**

*Dr Jessa Lingel (University of Pennsylvania); Dr Kate Crawford (MIT / MSR)*

**Repair as Transition: Temporalities of Breakdown, Maintenance and Recuperation**

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*Dr Steven Jackson (Cornell University)*

## **T118. Weakening and strengthening forensic science in Europe**

**Convenors: Dr David Teira (UNED)**

***Fri 2nd Sept, 16:00; 117a***

The panel will discuss, from an interdisciplinary standpoint, to what extent can we quantify the uncertainty of forensic reports, and whether it is possible to agree on a European standard for reporting uncertainty in court.

**Standardizing and Communicating Forensic Uncertainty with Bayesian Statistics**

*Dr Corinna Kruse (Linköping University)*

**Reasonable doubt and the use of Bayesian reasoning in expert witness reports**

*Dr Marion Vorms (Birkbeck College London)*

**The credibility of scientific evidence**

*Prof Anouk Barberousse (Université Paris-Sorbonne); Dr Isabelle Drouet*

## **T119. Queer STS?: A Roundtable Discussion on Theory, Method, and Institutionalization**

**Convenors: Mitali Thakor (MIT); Mr Stephen Molldrem (University of Michigan)**

***Sat 3rd Sept, 16:00; 132***

This roundtable discussion gathers diverse scholars studying "Queer STS." What does it mean to do work at the intersection of Queer Theory, Feminist Studies, and STS? What would it mean to institutionalize "Queer STS" as a coherent sub-field, and what are some strategies for doing this work?

**On the Risks and Riskiness of Queer STS**

*Dr Patrick Grzanka (University of Tennessee)*

**Provocations (on Queer Media)**

*Dr George Hoagland (Minneapolis College of Art and Design)*

**What is Queer STS? Fuck if I know.**

*Prof Patrick Keilty (University of Toronto)*

**Queer Relations as Insurgent STS?**

*Prof Ardath Whynacht (Mount Allison University)*

**Roundtable - Time to Get Antianthropocene**

*Ms Rebekah Cupitt (KTH Royal Institute of Technology)*

## **T120. Case Studies for Responsible Innovation: Lessons from Fukushima**

**Convenors: Prof Yuko Fujigaki (The University of Tokyo)**

*Discussant: Wiebe Bijker (Maastricht University), Ulrike Felt (University of Vienna)*

***Sat 3rd Sept, 16:00; 124***

This session deals with the Fukushima nuclear power plants accidents in 2011 based on our book published by Springer in 2015. Adding to historical analysis and communication failure analysis, we will examine this accident from the perspective of "responsible innovation" in HORIZEN 2020 by EU.

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**The process through which nuclear power plants are embedded in political, economic, and social contexts in Japan**

*Prof Yuko Fujigaki (The University of Tokio)*

**Politics in Risk Discourse on Radioactive Risks in Japan**

*Dr Hideyuki Hirakawa (Osaka University); Dr Masashi Shirabe (Tokyo Tech)*

**Lessons for More Responsible Public Participation**

*Dr Naoyuki Mikami (Hokkaido University)*

**The Parallax Views on Fukushima: Polarization and Stigmatization throughout the Socio-scientific Issue**

*Prof Mikihiro Tanaka (Waseda University); Ms Naiwen Hong*

## **T121. New Topologies of Scientific Practice**

**Convenors: Dr Geoffrey Bowker (University of California, Irvine); Mr Robert Montoya (University of California, Los Angeles)**

**Fri 2nd Sept, 16:00; 111**

This panel explores how specific digital infrastructures reassemble the human, technical, and data output of traditional scientific activity, and how by doing so, constitute spaces for rearticulating and forming new topologies of knowledge, moving beyond 'linear' expressions to more complex forms.

**Scholarly Accounting of Scholarly Code**

*Mr Seth Erickson (UCLA)*

**Database Projection: Repositioning Knowledge in Biodiversity Taxonomic Databases**

*Mr Robert Montoya (University of California, Los Angeles)*

**Infrastructures for barcoding life: topologies of reciprocity and control**

*Dr Claire Waterton (Lancaster University)*

**Innovation and Analogical Extension in Scholarly Communication**

*Mr Timothy Elfenbein (University of California, Irvine)*

## **T122. Elements Thinking**

**Convenors: Dr Maria Puig de la Bellacasa (University of Leicester); Dr Natasha Myers (York University); Dr Dimitris Papadopoulos (University of Leicester)**

Elements are substance and metaphor, scientific and poetic, natural and manufactured, indivisible and relational. Carbon, Plutonium, Bromine, Air, Water...This panel experiments in thinking with elements and the elementary in chemistry, media, biology, pharmaceuticals, warfare, ecology, toxicology.

### **T122.1**

**Sat 3rd Sept, 09:00; 115**

**Elementary Relations - Bromine in Self, Society and World**

*Prof Joseph Dumit (UC Davis)*

**Expansive Affinities, Anti-affinities, and Industrial Chemical Alterlife**

*Dr Michelle Murphy (University of Toronto)*

**Chemical Futures**

*Dr Dimitris Papadopoulos (University of Leicester)*

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## **Elementary Forms of Elemental Media**

*Dr Stefan Helmreich (Massachusetts Institute of Technology)*

### **T122.2**

**Sat 3rd Sept, 11:00; 115**

#### **Breathers Conspire - On Drawing Breath Together**

*Dr Timothy Choy (UC Davis)*

#### **Elemental Thinking, Alternative Carbon Imaginaries, and Living Matter at the Edge of Life**

*Dr Astrid Schrader (University of Exeter)*

#### **Ubiquitous Elements**

*Dr Joseph Masco (University of Chicago)*

#### **Elemental Breakdown**

*Dr Maria Puig de la Bellacasa (University of Leicester)*

#### **Photosynthetic Mattering: Welcome to the Planthropocene**

*Dr Natasha Myers (York University)*

## **T123. Re-configuring Knowledge Practices: Folding Margins and Norms into Dynamic Hybridity**

**Convenors:** Ms Karin Patzke (Rensselaer Polytechnic Institute); Ms Ellen Foster (Rensselaer Polytechnic Institute)

**Chair:** Ellen Foster ((Rensselaer Polytechnic Institute), Karin Patzke (Rensselaer Polytechnic Institute), Tania Pérez Bustos (Universidad Nacional de Colombia)

**Discussant:** Tania Pérez Bustos (Universidad Nacional de Colombia)

**Sat 3rd Sept, 14:00; 112b**

The papers and material enactments included in this session examine the practices of creating and implementing alternative knowledge practices. Participants speak to and perform craftwork and methods of science and engineering to uncover fractured histories and present alternative futures.

#### **Science in Context: Queering with feminist science studies**

*Prof sam smiley (AstroDIme Transit Authority)*

#### **Hidden Hybridity: Making Cryptography Legible**

*Mr Niranjan Sivakumar*

#### **Embroidering Engineering: Careful destruction and mending practices in knowledge dialogues**

*Dr Tania Pérez-Bustos (Universidad Nacional de Colombia)*

#### **Donna Haraway is our "friend": Reconfiguring friendship bracelets and bibliography**

*Dr Bonnie Mak (University of Illinois); Julia Pollack (Bronx Community College)*

## **T124. Energy Beyond Crisis: Energetic Bodies, Ecologies, and Economies**

**Convenors:** Dr Energy Working Group

This panel interrogates the multiple meanings of "energy," beyond apocalyptic visions, by focusing on its complex forms and interactions.

### **T124.1**

**Fri 2nd Sept, 16:00; M212**

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**Free Radical Ambivalence: Tracing the Controversy around Low Frequency Radiation and Human Health**

*Ms Kelly Ladd (York University)*

**Re-circuiting Expertise: Race, Class, and Energy Epistemologies Amid Renewable Transitions**

*Mr Myles Lennon (Yale University)*

**Figuring Nuclear Power: The Multiple Japanese Meanings of Nuclear Energy**

*Mr Maxime Polleri (York University)*

**Knowing the Land: Ontologies and Landscapes in Northern Saskatchewan**

*Ms Emily Simmonds (York University)*

**The race to build 'black boxes' in the scientific debate over the health effects of wind turbines**

*Ms Jennifer Taylor (University of Toronto); Dr Nicole Klenk (University of Toronto)*

**T124.2**

**Sat 3rd Sept, 09:00; M212**

**Energy, nature and rhythm: social, corporeal and cosmological entanglements**

*Prof Gordon Walker (Lancaster University)*

**Propagations: The economic and energetic lives of Mauritian sugarcane**

*Ms Jessica Caporusso (York University)*

**Data Metabolisms, Waste Heat & Speculative Futures: Investigating Waste Heat, Sustainability and Climate Change**

*Ms Stephanie Creighton (York University)*

**Investigating Renewables in Modern Times: The Life of Algae as Potentiated Energy**

*Ms Duygu Kasdogan (York University)*

**Residual Forests: Making Ontario's Crown Forests into Bioenergy Feedstock**

*Mr Andrew Schuldt (University of British Columbia)*

**T125. Technologies at the Frontiers of Death**

**Convenors: Dr Philip Olson (Virginia Tech); Dr Tamara Kneese (New York University)**

**Chair: Philip Olson (Virginia Tech)**

**Thu 1st Sept, 11:00; M213**

Focused on the material aspects of necro-politics, our panel studies technologies deployed at the frontier of death, revealing connections between pre- and post-mortem contexts, considering new forms of technologically mediated sovereignty, as well as challenges to these new forms of authority.

**Beyond Life and Death: Social Media Lifespans**

*Dr Tamara Kneese (New York University)*

**Death without Limits and Living without Ends: The Future Present of Necrotechnologies**

*Dr John Troyer (University of Bath)*

**Domesticating Deathcare**

*Dr Philip Olson (Virginia Tech)*

**Negotiating Humanness: Care, Worth, and Recognition of the Dead in Medical Training and Research**

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*Ms stephanie cruz (University of Washington-Seattle)*

## **T126. Science and Technology in the Middle East: Life Sciences and Environments**

**Convenors:** Miss Zeynep Oguz (The Graduate Center, CUNY)

*Discussant:* Samer Alatout (University of Wisconsin-Madison)

**Thu 1st Sept, 16:00; 112a**

Focusing on nature, environment, and the life sciences, this panel aims to provide a nuanced analysis of the power-laden ways in which techno-science circulates and takes shape in the Middle East and rethink assumptions about science and technology themselves through insights from the region.

### **Emergent Wetland Wild: Water Buffaloes, Feral Horses, And Waterbirds In The Making And Unmaking Of Wetlands' Livable Nature**

*Ms Caterina Scaramelli (Amherst College)*

### **Geological, Material, and Political Temporalities in Turkey's Hydrocarbon Exploration Efforts**

*Miss Zeynep Oguz (The Graduate Center, CUNY)*

### **Settlement Efforts, Bodily Limitations, and the Discovery of Urine**

*Dr Tamar Novick (Max Planck Institute for the History of Science)*

### **HIV/AIDS, Biomedical Subjectivities, and Agency in Lebanon**

*Ms Elizabeth Berk (Yale University)*

## **T127. Cloud Computing: New Social and Political Spaces**

**Convenors:** Prof Langdon Winner (Rensselaer Polytechnic Institute)

**Fri 2nd Sept, 14:00; 130**

Systems of Cloud computing promise convenience and problem-solving power to individuals and groups that employ their services. But issues of autonomy, control, and privacy now loom as serious problems for public organizations that agree to the terms that often govern activity within the Cloud.

### **Nebulous Education: Cloud Computing and School Reform**

*Prof Langdon Winner (Rensselaer Polytechnic Institute)*

### **Cloud computing as an inherently political technology**

*Dr Javier Bustamante Donas (Universidad Complutense de Madrid)*

### **Positive freedom and isonomia in cloud computing**

*Dr Maria Antonietta Salamone*

### **The Dialectics of Distraction in Digital Learning Spaces**

*Mr Ernst Schraube (Roskilde University)*

## **T131. Science has always been technoscience**

**Convenors:** Dr Don Ihde (Stony Brook University)

**Sat 3rd Sept, 09:00; 114**

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If science recognizes natural regularities, then it's ancient and a technoscience with perceptual and inscription technologies.

**Technology's Non-Neutrality: A Case from the Neurosciences**

*Mr Bas de Boer (University of Twente)*

**The Technological Mediation of Brain Death Criteria**

*Mr Jonne Hoek (University of Twente)*

**Postphenomenology and the empirical turn**

*Mrs Anette Forss (Karolinska Institutet)*

**Art as Performative Philosophy of Technology**

*Dr Pernille Leth-Espensen (Aarhus University)*

**How Mediating Technologies Work? A Preliminary Categorization and Some Misunderstandings**

*Mr Ching Hung (University of Twente)*

## T132. Beyond the single-site study: the Biography of Artefacts and Practices

**Convenors:** Prof Sampsa Hyysalo (Aalto University); Prof Robin Williams (The University of Edinburgh); Prof Neil Pollock (University of Edinburgh)

The track brings together researchers who, frustrated with the shortcomings of snap-shot studies of particular moments of innovation, seek richer analytical templates for guide longitudinal and multi-site research that engages with the complex interactions amongst suppliers, users & others involved

### T132.1

*Thu 1st Sept, 16:00; 130*

**Biographies of artifacts and practices approach: overview and assessment**

*Prof Robin Williams (The University of Edinburgh); Prof Sampsa Hyysalo (Aalto University); Prof Neil Pollock (University of Edinburgh)*

**How Industry Analysts Shape the Digital Future**

*Prof Neil Pollock (University of Edinburgh); Prof Robin Williams (The University of Edinburgh)*

**Entangled Biographies: An Ecology of AIDS Infrastructures**

*Dr David Ribes (University of Washington)*

**Historiography Unbound: Paul Ricoeur and the Biographic Turn**

*Dr Vasilis Tsiatouras*

**Artefacts and the social learning of industry analysts**

*Mr Duncan Chapple (University of Edinburgh)*

### T132.2

*Fri 2nd Sept, 09:00; 130*

**The New Production of Users: Changing involvement strategies and innovation collectives**

*Prof Sampsa Hyysalo (Aalto University); Prof Nelly Oudshoorn (University of Twente); Prof Torben Elgaard Jensen (Aalborg University Copenhagen)*

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**Biographical approach to an ecology of innovation: analysis of a strategic information system in the auto-industry**

*Mr Valeri Wiegel (University of Edinburgh)*

**The Biography of Hospital Electronic Prescribing and Medicine Administration (HEPMA) Systems in England**

*Dr Hajar Mozaffar (The University of Edinburgh)*

**Behind the Social Media Scenes: Changing User Involvement Strategy**

*Dr Mikael Johnson (Aalto University)*

**Tracking multiple perspectives on the Copyright Hub's innovation biography**

*Mr Hung The Nguyen (University of Edinburgh); Dr Gian Marco Campagnolo; Prof Robin Williams (The University of Edinburgh)*

**T132.3**

***Fri 2nd Sept, 11:00; 130***

**Infrastructure Risk and Biography of Artefacts: Multiple Dynamics and Temporalities**

*Dr Antti Silvast (University of Edinburgh)*

**The Biographies of Wandering Engineers**

*Dr James Stewart (University of Edinburgh,)*

**Biography of living lab collaboration**

*Ms Louna Hakkarainen (Aalto University ARTS)*

**The role of intermediary objects in reframing an evolving product concept across engineering worlds**

*Prof Christian Clausen (Aalborg University); Dr Liv Gish*

**Biographies of Innovation: Networks and Products in Scottish Space Sector**

*Mr Matjaz Vidmar (The University of Edinburgh)*

**T133. Tackling climate change by other means: opening up geoengineering governance**

**Convenors: Dr Robert Bellamy (University of Oxford)**

Geoengineering is seen as a way to cut through diplomatic barriers that impede and weaken progress on tackling climate change. This session examines the geoengineering techno-fix as 'politics by other means', seeking to explicate dilemmas of control and framings by diverse collectives.

**T133.1**

***Thu 1st Sept, 14:00; 112b***

**Disruptive Discourse: Negotiating the Boundaries of Geoengineering Research**

*Prof Steve Rayner (University of Oxford)*

**The historical evolution and political dimensions of geoengineering terminology**

*Mr Stefan Schäfer (IASS Potsdam)*

**Scenarios, Imaginaries, and SRM Governance**

*Mr Sean Jiaming Low (Institute for Advanced Sustainability Studies)*

**The Security Implications of Geoengineering**

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*Prof Paul Nightingale (University of Sussex); Dr Rose Cairns (University of Sussex)*

**Lay people's sense making of climate engineering: a cross-country focus group study**

*Dr Victoria Wibeck (Department of Thematic Studies - Environmental Change); Dr Anders Hansson (TEMA)*

**T133.2**

**Thu 1st Sept, 16:00; 112b**

**Is Solar Radiation Management a Governable Object? And what does this reframing imply for research funders?**

*Prof Phil Macnaghten (Wageningen University); Dr Bronislaw Szerszynski (Lancaster University)*

**A sociotechnical framework for governing geoengineering**

*Dr Robert Bellamy (University of Oxford)*

**Developing a Code of Conduct for Geoengineering Research**

*Prof Anna-Maria Hubert (University of Calgary)*

**Avoiding geoengineering governance**

*Dr Oliver Geden (German Institute for International and Security Affairs (SWP))*

**T135. Envisioning a Feminist Approach to Science and Technology Policy**

**Convenors:** *Dr Shobita Parthasarathy (University of Michigan); Prof Rachel Ankeny (University of Adelaide)*

**Thu 1st Sept, 09:00; M215-M216**

While feminist critiques and approaches have been fruitfully utilized in STS, they have had limited impacts on science and technology policy. This track brings together diverse scholars to explore prospects, limitations, and future directions for feminist approaches to science & technology policy.

**The gendered organization of science policy**

*Prof Laurel Smith-Doerr (University of Massachusetts)*

**Contraceptive Technologies, Public Policy, and the Stratification of Reproductive Health Care**

*Dr Jenny Brian (Arizona State University); Dr Patrick Grzanka (University of Tennessee)*

**Bodies of data and the problem of physiological narcissism**

*Dr Ana Viseu (Universidade Europeia)*

**Grassroots Innovation and Gender Order in India**

*Dr Shobita Parthasarathy (University of Michigan)*

**T137. From person to population and back: exploring accountability in public health**

**Convenors:** *Dr Martyn Pickersgill (University of Edinburgh); Dr Susanne Bauer (University of Oslo); Prof Klaus Hoeyer (University of Copenhagen)*

This panel explores the pathways from individual to population and back, as they are generated in public health science and programmes. We are concerned with how populations are constructed, and what population data is used for; with who is counted and what counts – and why, and to what ends.

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### **T137.1**

**Fri 2nd Sept, 11:00; 124**

**Accounting for populations, persons and pathologies in English initiatives to enhance (the) public(s) mental health, 2005-2015**

*Dr Martyn Pickersgill (University of Edinburgh)*

**Adding life to years': Re-configuring health and ageing**

*Dr Tiago Moreira (Durham University)*

**Beyond the ability to (ac)count. On the accountability in nursing practices**

*Dr Ute Kalender (Charite); Dr Christine Holmberg (Charite - Universitätsmedizin - Virchow Klinikum)*

**Calculating, Reshuffling and Translating Population Data: Epidemiological Risk Scores as Accounting Devices**

*Dr Susanne Bauer (University of Oslo); Dr Katrin Amelang (University Bremen)*

**Making up and managing well populations**

*Dr Ayo Wahlberg (University of Copenhagen)*

**Patient, population and back: accounting for patient data in Denmark**

*Prof Klaus Hoeyer (University of Copenhagen)*

### **T137.2**

**Fri 2nd Sept, 14:00; 124**

**Patient, population and back: adding a global dimension to the making of international research infrastructures**

*Ms Zainab Sheikh (Sector for Health Services Research)*

**Population Health Management as Social Sorting**

*Prof Linda Hogle (University Wisconsin-Madison)*

**Reconfiguring individuals and populations in the post-genomic era**

*Prof Sarah Cunningham-Burley (University of Edinburgh); Dr Emily Ross (University of Edinburgh); Dr Tineke Broer (University of Edinburgh); Prof Anne Kerr (University of Leeds)*

**Technologies of evidence and participation and the making of publics. Comparing two health promotion practices**

*Prof Klasien Horstman (Maastricht University)*

**What is data good for?: Accountability in data governance and data practice in Sweden**

*Dr Alison Cool (University of Colorado, Boulder)*

## **T138. Targeted Biomanagement: Ethics, Politics, and Unruly Regimes of Calculation**

**Convenors: Dr Saul Halfon (Virginia Tech); Dr Rebecca Hester (Virginia Tech)**

**Fri 2nd Sept, 11:00; M212**

This panel coins the term “targeted biomanagement” as a language for discussing efforts to gain biological control. It also shows that while these efforts often fail, they are productive insofar as they generate an unruly regime of strategies and calculations.

**"Certain Exposure": Pre-exposure Prophylaxis for HIV (PrEP) and the (Un)manageable Body**

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*Mr Jonathan Banda (Virginia Tech)*

**The Pre-Infectious Body: Vaccination as "Targeted Biomangement."**

*Ms Tarryn Abrahams (Virginia Tech)*

**Proliferating Nutrition: Counting and Calculating for Healthy Lives**

*Dr Saul Halfon (Virginia Tech)*

**Targeted Biosurveillance: A Productive Endeavor**

*Dr Rebecca Hester (Virginia Tech)*

## **T139. Eating for Life: When Food is the Best Medicine**

**Convenors: Dr Danya Glabau (Brooklyn Institute for Social Research)**

**112a**

**Thu 1st Sept, 14:00;**

Concurrent with the rise of “drugs for life” in biomedical societies has been a growing trend of using food as medicine. How does “eating for life” respond to and shape ideas about the body, the politics of medical knowledge, subjectivity, and the limits of the human?

**The Hygienic Sublime: Making Food Safe for Food Allergies**

*Dr Danya Glabau (Brooklyn Institute for Social Research)*

**Apricot Kernels and Chemo? Eating Away Cancer at a Biomedical Hospital in Germany**

*Dr Eva Jansen (University of Tübingen)*

**Eating less meat to 'save the planet'? Updating healthy eating advice**

*Dr Isabel Fletcher (University of Edinburgh)*

**'Digestion, immunity and vitality': nutraceuticals, ready-to-use-therapeutic-foods, and the temporary as the future**

*Dr Thomas Cousins (Stellenbosch University); Dr Michelle Pentecost (University of Oxford)*

## **T140. Pharmaceuticals out of Bounds**

**Convenors: Dr Danya Glabau (Brooklyn Institute for Social Research); Dr Christy Spackman (Harvey Mudd College)**

**Chair: Nayantara (Tara) Sheoran**

*Discussant: Marianne DeLaet; Alexa Dietrich (Wagner College)*

**Thu 1st Sept, 16:00; M213**

What happens when pharmaceuticals overflow the boundaries imposed by regulatory structures, carrier materials, and places and methods of production? This panel explores how new theoretical frameworks, methodologies, approaches and actors can contribute to addressing risk in a pharmaceutical world.

**Delineating the Architecture of Buprenorphine Distribution in Taiwan**

*Dr Jia-shin Chen (National Yang-Ming University)*

**"No Books of Life Without a Functioning Printing Press!" Reframing pharmaceutical estrogens as a biodiversity problem**

*Dr Nina Janasik-Honkela (University of Helsinki)*

**The Pharmaceutical Hauntings of Erasure**

*Dr Christy Spackman (Harvey Mudd College)*

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### **T143. Governance of Agricultural Biotechnologies**

**Convenors:** Prof Brian Wynne (Lancaster University); PhD(c) Georgina Catacora-Vargas (University Mayor de San Simón); Dr Sarah Hartley (University of Nottingham)

**Chair:** Andrew Stirling (University of Sussex)

*Discussant:* Philip MacNaghten (Wageningen University)

**Fri 2nd Sept, 16:00; M213**

Governance of agricultural biotechnologies faces limitations, challenges and opportunities. From epistemological questions and empirical case-studies, this session explores what a scientifically and socially more robust governance approaches would comprise.

**Gene-edited crops and the integration of diverse knowledges for strategic research policy**

*Dr Sarah Hartley (University of Nottingham); Mr Robert Smith (King's College London)*

**Context-adapted labeling of GM food - Regulatory insights from the Bolivian experience**

*PhD(c) Georgina Catacora-Vargas (University Mayor de San Simón); Mr Sergio Arispe Barrientos (Ministry of Environment and Water of Bolivia)*

**Incorporation of sustainability, ethical and social considerations in risk assessment of agricultural biotechnologies.**

*Dr Frøydis Gillund (GenØk - Centre for Biosafety); Dr Anne Ingeborg Myhr (The Arctic University of Norway)*

**A systems approach to assessing GMOs: insights from a context of coexistence**

*Dr Amaranta Herrero (GENØK); Dr Fern Wickson (GenØk Centre for Biosafety); Dr Rosa Binimelis (Genok)*

### **T144. Ecologies of participation: Thinking systemically about science and technology by other means**

**Convenors:** Dr Helen Pallett (University of East Anglia); Dr Jason Chilvers (University of East Anglia)

*Discussant:* Matthew Kearnes (University of New South Wales)

**Fri 2nd Sept, 14:00; M212**

STS scholars have begun to break down normative assumptions about participatory practices to understand them as co-produced, relational and emergent. This panel opens up to diverse collectives of participation to explore their co-production and interrelations within wider systems and constitutions.

**Ecologies of participation and energy constitutions**

*Dr Helen Pallett (University of East Anglia); Dr Jason Chilvers (University of East Anglia); Mr Tom Hargreaves*

**Emerging Technologies and the Public Sphere**

*Dr Lotte Krabbenborg (Radboud University)*

**Overlapped modes of participation in El Campo de Cebada**

*Mr Jorge Martín Sainz de los Terreros (University College of London)*

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## T145. Postphenomenological Research: Technologies, Robots, and Human Identity

**Convenors:** Prof Peter-Paul Verbeek (University of Twente)

*Discussant:* Ciano Aydin (University of Twente/Delft University of Technology)

New technologies, most notably in robotics, challenge existing frameworks to understand human identity and the relations between humans and technologies. This session will take up this challenge by investigating new human-technology relations and its implications for human self-understanding.

### T145.1

**Sat 3rd Sept, 14:00; 128**

**Synesthesia and Human-Robot-Interactions - Alterity Relations shaping Sensorimotor Unity**

*Mr Michael Funk (University of Vienna)*

**Postphenomenology and Nihilism**

*Dr Nolen Gertz (University of Twente)*

**Me, My Fitbit, and I: Self-Tracking and the Leib/Körper Distinction**

*Dr Kirk Besmer (Gonzaga University)*

**Humanity, Philosophy and Technology**

*Prof Shoji Nagataki (Chukyo University)*

**Anthropocentrism and Its Discontents: Mapping Heidegger, Ihde, Latour and Verbeek**

*Prof Jacob Wamberg (Aarhus University)*

### T145.2

**Sat 3rd Sept, 16:00; 128**

**The stranger within: technical self-formation as sublimation**

*Prof Ciano Aydin (University of Twente/Delft University of Technology)*

**Sapiens ex machina: towards an anthropology of human-robot relations**

*Prof Peter-Paul Verbeek (University of Twente)*

**Philosophy of Technology beyond the Empirical Turn**

*Mr Mithun Bantwal Rao (Wageningen University)*

**Homeliness: Identity and selfhood in an age of transition**

*Dr Lars Botin (Aalborg University)*

**I'm in love with my car" - Postphenomenology and emotions**

*Dr Finn Olesen (Aarhus University); Mrs Bente Hull Frich (Aarhus University)*

**Robot Learning - Posthuman or posthumanistic?**

*Prof Cathrine Hasse (Aarhus University)*

## T147. Engaging decoloniality and decolonization in science and technology studies

**Convenors:** Dr Kalindi Vora (University of California San Diego); Dr Noah Tamarkin (The Ohio State University); Dr Kristina Lyons (University of California, Santa Cruz); Dr Juno Parrenas (The Ohio State University)

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### **Fri 2nd Sept, 16:00; M214**

Science and technology continue to be shaped by colonial legacies, even as competing worldviews within technoscience emphasize other means than colonial ways of understanding the world. As postcoloniality becomes important in STS, what might decolonial scholarship and decolonization contribute?

#### **Roundtable Participants**

*Dr Juno Parrenas (The Ohio State University)*

*Dr Banu Subramaniam (UMass Amherst)*

*Dr Kristina Lyons (University of California, Santa Cruz)*

*Dr Vanessa Agard-Jones (Columbia University)*

*Dr Tania Pérez-Bustos (Universidad Nacional de Colombia)*

*Dr Noah Tamarkin (The Ohio State University)*

*Prof Lesley Green (University of Cape Town)*

## **T148. STS Underground: Ignorance and Invisibility in the Worlds of Mining and Underground Extraction**

**Convenors:** Dr Jessica Smith (Colorado School of Mines); Dr Abby Kinchy (Rensselaer Polytechnic Institute)

How does the earth's subsurface become visible and knowable, and why does knowledge about the effects of mining and extraction often remain buried?

### **T148.1**

#### **Fri 2nd Sept, 09:00; 112a**

**Engineering the Underground to Settle the Surface: Sociotechnical responsibility and engineering in the extractive industries**

*Dr Jessica Smith (Colorado School of Mines)*

**The Making and Unmaking of a Mining District: Quantification and the Contestation of Resource Representations in Bristol Bay, Alaska**

*Dr Karen Hebert (Carleton University)*

**A Desire for Ignorance: Financial speculations in the cosmo-economy of gold mining in Mongolia**

*Dr Mette High (University of St Andrews)*

### **T148.2**

#### **Fri 2nd Sept, 11:00; 112a**

**Volunteers and Commercial Water Testing Companies in the Struggle to Reveal the Impacts of Fracking**

*Dr Abby Kinchy (Rensselaer Polytechnic Institute)*

**Who Speaks for the Subsurface? A Decade of Groundwater and Natural Gas Conflict in the Four Corners Region**

*Dr Adrienne Kroepsch (Colorado School of Mines)*

**Earthly Graves for Environmental Futures: techno-burial practices**

*Dr Matthew Kearnes (University of New South Wales)*

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## T149. Heritage in Biology, Biology as Heritage

**Convenors:** Dr Cristina Grasseni (Utrecht University); Ms Caterina Scaramelli (Amherst College); Ms Grace Kim (MIT)

*Discussant:* Michael Rossi

**Thu 1st Sept, 11:00; M214**

This panel interrogates the science and technology of heritage conservation — particularly from the perspective of the biosciences. How does materializing different kinds of heritage — “our past” and “ourselves” — become synonymous with mobilizing and making claims about biological nature?

**Bottling climate change. Global climate at the root of the authentic upland wine in the Pyrenees.**

*Mr Federico De Musso (McGill University)*

**Ground Truth: Remote Sensing and the Craft of Heritage in Iraq's Marshes**

*Dr Bridget Guarasci (Franklin & Marshall College)*

**The Bio restoration of Stone Heritage: Microbiology and Authenticity in Italy**

*Ms Grace Kim (MIT)*

**Biology's heritage as a subversive scientific strategy in U.S. criminology**

*Mr Julien Larregue (Aix-Marseille Université)*

## T150. Extending conceptualizations and technologies of knowledge translation in health care

**Convenors:** Dr John Ødemark (University of Oslo); Prof Kristin Heggen (University of Oslo); Dr Sietse Wieringa; Ms Ida Lillehagen (University of Oslo); Prof Eivind Engebretsen (University of Oslo)

**Thu 1st Sept, 09:00; M213**

We are witnessing “a turn away from translation” within health care that is driving new ideas and methods to extend our means to 'close the gap' between science and clinical use. This session will explore the future of 'knowledge translations' as a concept and practice within health care.

**Standardized evidence, uncertainty and clinical reasoning**

*Prof Kristin Heggen (University of Oslo); Prof Eivind Engebretsen (University of Oslo); Dr Sietse Wieringa; Prof Trisha Greenhalgh (University of Oxford)*

**The translational supplement of evidence based medicine**

*Prof Eivind Engebretsen (University of Oslo); Dr John Ødemark (University of Oslo)*

**Translation and co-creation of knowledge in participatory research**

*Ms Ida Lillehagen (University of Oslo); Prof Eivind Engebretsen (University of Oslo); Prof Kristin Heggen (University of Oslo)*

**Workshop Philosophical Assumptions underlying EBM Knowledge Creation: Reasoning, Interpretation and Mindlines.**

*Dr Sietse Wieringa*

## T152. Environments of care: understanding and shaping care by other means

**Convenors:** Ms Cristina Popescu (EHESS); Dr Laura Centemeri

**Sat 3rd Sept, 09:00; 133**

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From an ecological perspective on action, the session addresses care in its close relationship with design practices. The contributions address issues regarding care, health and technologies and enlarge the cross-disciplinary dialogue between sociology, health studies and environmental studies.

**Digital adjustments and reconfigured learning environments for students with disabilities**

*Ms Cristina Popescu (EHESS)*

**Narrating the environment of birth**

*Mrs Cecilia Colloseu (Johannes Gutenberg-Universität Mainz)*

**Care and normativity. Exploring a relationship's career**

*Mr Stefan Nicolae (University of Trier)*

## **T153. Hermeneutics: 'let Nature and Material Things speak' with Don Ihde**

**Convenors: Prof Bart Gremmen (Wageningen University); Dr Josette Jacobs (Wageningen University)**

***Thu 1st Sept, 14:00; 117a***

Nature and material things can be understood differently by different groups. Just like texts that can be read differently. This motto of the closed session of ISHS, fits into the material hermeneutics interests of Don Ihde. So we are very happy to find Ihde as keynote listener on our program.

**The Sound of Technoscience**

*Prof Bart Gremmen (Wageningen University)*

**Hermeneutics of Science and Numbers: Nature Speaks Mathematics**

*Mrs Chandrima Christiansen (TU Dresden)*

**Let nature speak: the case of the Atwood machine**

*Dr Ricardo Coelho (Faculty of Science, University of Lisbon)*

**'Nature itself cannot speak and say what it wants'**

*Dr Josette Jacobs (Wageningen University)*

**Earthing technology: global warming and the biomimetics of technology in the anthropocene**

*Dr Vincent Blok (wageningen university)*

## **T154. Remaking News: Technology and the Futures of Journalism Scholarship**

**Convenors: Prof Pablo Boczkowski (Northwestern University); Dr Christopher Anderson (College of Staten Island, CUNY)**

***Sat 3rd Sept, 09:00; 112b***

This panel aims to overcome the relative lack of focus on materiality, artifacts, and technology in mainstream scholarship news production by drawing on concepts central to Science and Technology Studies (STS).

**The Whitespace Press: Designing Meaningful Absences into Networked News**

*Prof Mike Ananny*

**Words and Things: Technology and the Futures of Journalism Scholarship**

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*Prof Pablo Boczkowski (Northwestern University); Dr Christopher Anderson (College of Staten Island, CUNY)*

### **On the Worlds of Journalism**

*Dr Seth Lewis (University of Oregon); Dr Rodrigo Zamith*

### **A manifesto of failure for digital journalism**

*Prof Karin Wahl-Jorgensen (Cardiff University)*

### **Professional Culture, Technology, and Innovation in the News Industry**

*Dr Mark Deuze (University of Amsterdam); Dr Mirjam Prenger (Faculty of Humanities)*

## **T155. Islands on the Cutting Edge: Test sites for reimagining future technoscience**

**Convenors:** Dr Max Liboiron (Memorial University of Newfoundland); Mr Kaiton Williams (Cornell University); Dr Laura Watts (IT University of Copenhagen); Dr Phoebe Sengers (Cornell University); Ms Hrönn Holmer (Cornell University)

*Discussant:* Lucy Suchman (Lancaster University)

**Sat 3rd Sept, 11:00; 114**

This collaboratively presented session interweaves stories from 4 islands – Orkney Islands (Scotland), Fogo and Change Islands (Newfoundland), and Jamaica – to speculate on islands outside the mainstream as test sites for alternative versions of science, technology and the future.

### **Infrastructures of Modernization**

*Dr Phoebe Sengers (Cornell University)*

### **The Electric Nemesis, tale from the Energy Islands Saga**

*Dr Laura Watts (IT University of Copenhagen)*

### **Breaking the Scientific Method at the Edge of the World, Newfoundland**

*Dr Max Liboiron (Memorial University of Newfoundland)*

### **An Island is a World**

*Mr Kaiton Williams (Cornell University)*

## **T156. Doing Social Robots by Other Means**

**Convenors:** Dr Marta Díaz-Boladeras (Technical University of Catalonia); Dr Miquel Domenech (Universitat Autònoma de Barcelona)

**Thu 1st Sept, 09:00; M214**

This proposal wants to answer the question about how to design social robots by other means. Following this idea, the session will be structured around some issues related to that: how to diversify the actors involved in the process? What ethical principles and caring models are at stake?

### **Designing social robots: rethinking challenges and constraints of a participatory experience**

*Ms Núria Vallès (Universitat Autònoma de Barcelona (UAB)); Dr Miquel Domenech (Universitat Autònoma de Barcelona); Dr Marta Díaz-Boladeras (Technical University of Catalonia)*

### **Participatory Design in school: how children, engineers and social scientist collaborate.**

*Mrs Mireia Faucha (Universitat Autònoma de Barcelona); Ms Olga Sans*

### **Social robots in hospitals: extending care visions**

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*Mr Guillem Palà (University Autonomous of Barcelona); Dr Cecilio Angulo (Technical University of Catalonia (UPC)); Mr Alex Barco (La Salle - Universitat Ramon Llull); Mr Miguel Garcia Fernandez (Saint John of God Hospital)*

**Ethical, moral and legal concerns when developing social robots for care**

*Mr Rodrigo de Oliveira Machado (Autonomous University of Barcelona); Dr Jordi Albo-Canals*

## **T157. Disentangling ecologies: working around 'the system'**

**Convenors: Dr Emily Yates-Doerr (University of Amsterdam)**

***Fri 2nd Sept, 11:00; M214***

How can we work with substances and organisms that refuse systematicity while attending to ecologies that nurture us? This experimental roundtable takes coherence and disentanglement as empirical objects, asking how we can develop non-systemic togetherness.

**Reproductive Ecologies (roundtable)**

*Dr Emily Yates-Doerr (University of Amsterdam)*

**Farming Ecologies (roundtable)**

*Dr Rebeca Ibañez Martin (Amsterdam Institute for Social Science Research, UVA)*

**Mining Ecologies (roundtable)**

*Dr Filippo Bertoni (Aarhus University)*

**Resistance ecologies (roundtable)**

*Dr Jenna Grant (University of Washington)*

**Heat (roundtable)**

*Dr Alex Nading (University of Edinburgh)*

## **T158. Soft Focus: How Software Reshaped Technical Vision and Practice**

**Convenors: Dr Evan Hepler-Smith (Harvard University); Prof William Deringer (Massachusetts Institute of Technology)**

***Sat 3rd Sept, 11:00; 128***

The practices involved in producing technical knowledge are now frequently carried out by means of discipline-specific software. On a variety of scales, from entire disciplines to specific research groups, such specialized software programs have reconfigured technical vision and practice.

**ChemDraw**

*Dr Evan Hepler-Smith (Harvard University)*

**VisiCalc**

*Prof William Deringer (Massachusetts Institute of Technology)*

**MACSYMA**

*Dr Stephanie Dick (Harvard University)*

**XCMS**

*Dr Nadine Levin (UCLA)*

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## **T159. Political Objects. Prescriptions, Injustices and Promises of Material Agents**

**Convenors:** Prof Corinna Bath (TU Braunschweig); Prof Sigrid Schmitz (HU Berlin); Dr Waltraud Ernst (Johannes Kepler University Linz)

*Fri 2nd Sept, 14:00; M214*

Phenomena are constituted within material-semiotic networks and materialize in technoscientific devices. Does “new materialism” offer a new understanding of objects as e.g. algorithms, nanomaterials, food, brain-machine interfaces, artifacts used for and by refugees, lasergraving machines, and cows?

**Brain/Bodies in Technocultures: Becomings and Impacts of Brain-Machine Interfaces**

*Prof Sigrid Schmitz (HU Berlin)*

**Emancipatory Interferences with Machines?**

*Dr Waltraud Ernst (Johannes Kepler University Linz)*

**Food, situated knowledge and politics of respect**

*Dr Marja Vehviläinen (University of Tampere)*

**Nanomaterials as material-semiotic objects**

*Dr Martina Erlemann (Technical University Kaiserslautern)*

**Gender politics of algorithms: On biases and 'facts'**

*Prof Corinna Bath (TU Braunschweig)*

**(Infra)corporeal labour in Czech organic milk production**

*Ms Lucie Žeková (Charles University Prague)*

## **T161. The Best Way to Control Toxic Actants: Litigation or Regulation?**

**Convenors:** Dr Paul Jobin (Academia Sinica); Prof Doogab Yi (Seoul National University)

**Chair:** Michael Fisher (STS/MIT, 1); Tal Golan (UCSD, 2)

*Discussant:* Michael Fisher (STS/MIT)

By exploring litigation and regulation on toxic actants in East Asian countries, this panel examines following questions: What are the effects of the class actions on state regulations? What other forms of social mobilization can create more appropriate and efficient regulation?

### **T161.1**

*Sat 3rd Sept, 14:00; M213*

**Statistics and the Politics of causality in late modernity**

*Prof Tal Golan (UCSD)*

**Right to Know; No Right to Sue?**

*Dr Yoonjung Lee*

**Time in Toxic Tort in the Taiwan RCA Litigation**

*Dr Hsin-Hsing Chen (Shih-Hsin University)*

### **T161.2**

*Sat 3rd Sept, 16:00; M213*

**Constructed ignorance in a tobacco litigation in Japan**

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*Dr Kaori Iida (SOKENDAI)*

**Risk and Glocal Rationality in Litigation? Tobacco and Air Pollution Litigation in Korea**

*Prof Doogab Yi (Seoul National University)*

**The neoliberal governmentality of air pollutants: Informational Regulation of Particulate Matter in Korea**

*Miss JooHui Kim (Seoul National University)*

## **T162. Infrastructural Futures : Speculation, Crisis, and Media Technologies**

**Convenors: Dr Orit Halpern (Concordia University); Dr Jamie Allen (Critical Media Lab Basel)**

**Fri 2nd Sept, 16:00; M211**

This panel brings together artists, designers, and scholars to examine the complex relationship between infrastructure and futurity in a myriad of situations. Our intention is to reconfigure the study, and production, of infrastructures in terms of emergence and not merely emergency.

**Infrastructures of Sensation: Making up People in the "Sensor Society"**

*Dr Chris Salter (Concordia University)*

**Modeling Eco-Capitalism. Infrastructural Obscenity and their Future Perfect**

*Dr Shintaro Miyazaki (University of Applied Sciences and Arts Northwestern Switzerland, Academy of Art and Design)*

**Infrastructural Imaginaries: Resilience, Reverie, Response-ability**

*Dr Jamie Allen (Critical Media Lab Basel); Dr Orit Halpern (Concordia University)*

**Sovereign Media and the Ruins of a Logistical Future**

*Prof Ned Rossiter (Western Sydney University)*

**Mind the Gap: imaginary infrastructures of deep neural networks**

*Mr Johannes Bruder (University of Applied Sciences Northwestern Switzerland)*

## **T163. Improving gender balance from below**

**Convenors: Prof Knut H Sørensen (NTNU, Norwegian Univ. of Science and Technology)**

**Chair: Siri Øyslebø Sørensen (Norwegian University of Science and Technology)**

**Fri 2nd Sept, 09:00; 112b**

The session explores gender balance issues in academia, with a particular focus on the situation at the departmental level, and inclusion-oriented strategies of improvement.

**The dynamics of gender balance: Science studies perspectives and beyond**

*Prof Vivian Anette Lagesen (Norwegian University of Science and Technology)*

**Engaging or dis-engaging: How heads of departments approach gender balance issues**

*Prof Knut H Sørensen (NTNU, Norwegian Univ. of Science and Technology); Dr Siri Øyslebø Sørensen (NTNU Norwegian University of Science and Technology)*

**The experience of academic cultures: Perceptions of gender inclusion and future career options amongst women early career academics**

*Dr Guro Korsnes Kristensen (Norwegian University of Science and Technology)*

**Publication patterns - gender gap or local practices?**

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*Dr Siri Øyslebø Sørensen (NTNU Norwegian University of Science and Technology)*

**Interdisciplinarity as an instrument of improved gender balance**

*Dr Marianne Fostervold (Norwegian University of Science and Technology); Prof Vivian Anette Lagesen (Norwegian University of Science and Technology)*

**T164. The Potential Futures of Data Science: A Roundtable Intervention**

**Convenors: Dr Brian Beaton (Cal Poly)**

**Thu 1st Sept, 09:00; 117a**

This panel focuses on new and breaking STS research on data science. Panel participants will present research on data science's communication patterns, tools, styles of work, analytical habits, standards, visual strategies, professional ethics, and on data science research cultures.

**Reshaping Data Science Research Cultures**

*Dr Brian Beaton (Cal Poly)*

**Data Science and the Security State**

*Ms Lauren Di Monte (North Carolina State University)*

**More data, more work: problems, evidence, and collecting futures**

*Dr Amelia Acker (The University of Texas at Austin)*

**Data Science as a Service: Emergent Cultures of Modeling and the Production of Insight**

*Mr Shivrang Setlur (Cornell University)*

**Data Silence(s): Data Science, Inclusivity, and Barriers to Social Change**

*Dr Tonia Sutherland (University of Alabama)*

**T166. Biotechnology, Personal Identity, and Boundaries Across the Globe**

**Convenors: Ms Alka Menon (Northwestern University)**

**Sat 3rd Sept, 16:00; M215**

This panel traces the effects of biotechnology on personal identity in different contexts. Using the cases of IVF, surrogacy programs, cosmetic surgery and skin care, we demonstrate how biotechnologies help define the body and acceptable bodily practices and interventions across the globe.

**Constructing a Perfect Ten: Acceptable Cosmetic Surgery in Multicultural Societies**

*Ms Alka Menon (Northwestern University)*

**Minority Women and Making Use of Government Regulated Reproductive Technologies**

*Ms Safak Kilictepe (Indiana University)*

**The Market for Wombs: A Study of the Transnational Surrogacy Industry in Mexico**

*Ms April Hovav (University of Southern California)*

**Defining Skin as an Individualized Surface: American Post-War Marketing and the Products of Identity**

*Mr Maxwell Rogoski (University of Pennsylvania)*

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## **T167. The Medium is the Medicine: Media Histories of Health and Healthcare**

**Convenors:** Miss Hannah Zeavin (NYU); Prof Jeremy Greene (Johns Hopkins University School of Medicine); Dr Mark Olson (Duke University); Mr Carmine Grimaldi (University of Chicago)

**Chair:** Jeremy Greene (Johns Hopkins University School of Medicine)

*Discussant:* Lisa Cartwright (University of California, San Diego)

**Sat 3rd Sept, 09:00; M211**

Moving beyond the history of heroic medical devices, this panel explores the role of everyday media in medicine. Each paper helps to position the way in which commonplace technologies of communication—from the telephone to television—have transformed the contours of medical knowledge and practice.

**Answering the Call: The Rise of the Crisis Intervention Hotline**

*Miss Hannah Zeavin (NYU)*

**Inter-Operative: Platform Standards, Knowledge Politics & Medical Television At Mid-Century**

*Dr Mark Olson (Duke University)*

**The Wired Clinic: Exploring Medicine and Media at the Telemedical Field Station**

*Prof Jeremy Greene (Johns Hopkins University School of Medicine)*

**Screening the Self: Mediating Minds on Film and Video**

*Mr Carmine Grimaldi (University of Chicago)*

## **T168. (Techno)science by other means of communality and identity configuration**

**Convenors:** Ms Sarah Schönbauer (University of Vienna); Dr Karen Kastenhofer (Austrian Academy of Sciences)

*Discussant:* Niki Vermeulen (University of Edinburgh)

**Fri 2nd Sept, 09:00; M212**

By analysing the formation, performance and transformation of (techno)scientific identities and communities, we aim to deepen the understanding of change, stability and difference related to 'newly emerging sciences and technologies'.

**Funding communities: a case study of synthetic biology in the making**

*Mr Celso Gomes (University of Sheffield)*

**Research collaborations: from practices to technoscientific communities and back**

*Mr Alexander Degelsegger (Centre for Social Innovation GmbH)*

**'Big interdisciplinarity' and what it does to group-minority perception**

*Dr Bettina Bock von Wülfingen (Humboldt University)*

**"I am a biochemist by training": identity in systems biology**

*Dr Karen Kastenhofer (Austrian Academy of Sciences)*

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## **T170. Thinking and Acting with Open and DIT Science and Technology: From Participatory Sensing to Biohacking Experiments**

**Convenors:** Mr Alexandre Pólvera (European Commission); Dr Susana Nascimento (European Commission - Joint Research Centre (JRC)); Ms Mara Balestrini

*Sat 3rd Sept, 11:00; M214*

*Sat 3rd Sept, 14:00; M214*

2 hands-on showcases dedicated to Open and DIT frameworks in Science and Technology. The first focuses Smart Citizen platform with debates on a participatory sensing tour to Fab Lab Barcelona. The second is centred on Waag Society's Open Wetlab with interactive biohacking dialogues and experiences.

## **T173. Gene Editing in Context: Challenges and Emerging Practices**

**Convenors:** Dr Nicholas Lee (Warwick University); Dr Achim Rosemann (University of Warwick)

**Chair:** Ingrid Schneider (University of Hamburg)

*Fri 2nd Sept, 11:00; M211*

This panel explores the social dimensions of gene editing technologies. The panel aims to foster discussion of emerging practices and controversies and to reflect on overlaps and parallels with existing technologies, such as synthetic biology, stem cell research or genetic testing.

**Involving the Public in Decision-Making on Gene-Editing Research: At what Stage?**

*Dr Lonneke Poort (Erasmus School of Law)*

**Governing human germ line editing: challenges from a global perspective**

*Dr Achim Rosemann (University of Warwick)*

**Gene Drive Responses to Zika: An instance of the 'Anthropocene Predicament'?**

*Dr Nicholas Lee (Warwick University)*

## **T174. Interactive Round Table: Does STS Have Problems?**

**Convenors:** Dr Endre Danyi (Goethe University, Frankfurt am Main); Dr Noortje Marres (University of Warwick)

*Fri 2nd Sept, 12:30 VIP*

What are the distinctive capacities of STS for posing problems? This round table takes up this question in an interactive fashion, presenting selected problems from and to STS publics, and concluding with an award ceremony identifying STS' best and worst problem.

## **T175. Situated Meanings of 'Good' Care and Science 'Worth Doing'**

**Convenors:** Ms Katherine Darling (University of California, San Francisco); Ms Natali Valdez (University Of California, Irvine); Ms Emily Vasquez (Columbia University)

*Sat 3rd Sept, 14:00; M215*

This panel pushes beyond traditional bioethical regimes to highlight situated, contested and contingent moral understandings of good practice in biomedical research and settings of biomedical care. How do experts contend with stratified and stratifying biomedical technologies and practices?

**Living with Bureaucracies: Where Distributed Triage meets Biomedical Care**

*Ms Katherine Darling (University of California, San Francisco)*

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**Epigenetics and Prenatal interventions: good intentions and unintended consequences**

*Ms Natali Valdez (University Of California, Irvine)*

**Valuing Genomics: Scientific Imaginaries in a Mexican Public Hospital**

*Ms Emily Vasquez (Columbia University)*

**Biopolitical Biographies: Addressing the Biomedical Legibility of Abbreviated Transgender Life**

*Christoph Hanssmann (UCSF)*

**Bad Science, Public Good: Sickle Cell Disease Policy in Brazil**

*Dr Melissa Creary (Emory University)*

**T177. Economies of Life in Biomedicine**

**Convenors:** Dr Javier Lezaun (Oxford University); Dr Natalie Porter (University of Notre Dame)

*Discussant:* Kaushik Sunder Rajan (University of Chicago)

**Sat 3rd Sept, 09:00; 134**

This session explores how new configurations of value emerge around the research objects and apparatuses of the life sciences, and the fluid nature of economic categories in the material worlds of biomedicine.

**Trans-Asian Animal Collectives and the New Regions of Biosecurity**

*Dr Natalie Porter (University of Notre Dame)*

**Chimeric Life and the Humanization of Biology**

*Dr Amy Hinterberger (University of Warwick)*

**Bringing Metabolism to the Cloud: Changing Configurations of Value and Ownership in Biomedical Data Economies**

*Dr Nadine Levin (UCLA)*

**Immunity and new economic circuits in malaria research**

*Dr Javier Lezaun (Oxford University)*

**Seeing cellular debris: the past and the afterlife of a forgotten technique**

*Dr Ann Kelly (King's College London)*

**T178. Designing alternative futures: planning, expertise, policy**

**Convenors:** Prof Martha Lampland (Univ. of California, San Diego); Dr Alina-Sandra Cucu (Max Planck for the History of Science)

*Discussant:* Tamar Novick (Max Planck Institute for the History of Science)

**Sat 3rd Sept, 16:00; 112b**

The panel addresses innovative strategies being designed and implemented to restructure economies and politics in the mid-20th c. The papers discuss the technical demands, novel forms of expertise and political imaginaries bound up with the sciences of planning and governing.

**Quantifying socialist accumulation**

*Dr Alina-Sandra Cucu (Max Planck for the History of Science)*

**Modeling Uncertainty: Statistical Planning in Warsaw and London, 1930s**

*Theodora Dryer (University of California, San Diego)*

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## **T184. #democraciarealya: Hacktivism and Networked Techno-politics in Spain**

**Convenors:** Dr Silvia Lindtner (University of Michigan); Dr Anita Chan (University of Illinois, Urbana-Champaign)

**Speakers:** Simona Levi, (Xnet); Tere Badia, (Hangar.org); Xabier Barandiaran, (University of the Basque Country); Sergio Salgado (15MpaRato); Jaron Rowan (BAU Centro Universitario de Diseño de Barcelona; FCForum); Daniel Miracle (Neokinok.tv); Antonio Blanco (Grupo Redes, Movimientos y Technopolitca).

**Chair:** Silvia Lindtner

*Discussant:* Anita Chan

**Thu 1st Sept, 12:30-1:11**

This panel invites participants and researchers of key Barcelona technology collectives to share observations on the cultural role and contemporary challenges of networked platforms, politics, and democratic prototyping following the 15M movement and Barcelona en Común's 2015 win of city government.

## **T185. Thinking with ethnography**

**Convenors:** Dr Nicholas Seaver (Tufts University); Miss Debora Lanzeni (Fundació per a la Universitat Oberta de Catalunya); Dr Tomás Criado (TU München); Mrs Karen Waltorp (Aarhus University)

**Fri 2nd Sept, 12:30; 127**

The relationship between STS and ethnography has been a longstanding topic of debate. The Committee for the Anthropology of Science, Technology & Computing (CASTAC), the Future Anthropologies Network (FAN) and the #xcol platform for ethnographic experimentation would like to invite ethnographers to an informal lunch session to discuss conceptual and methodological issues facing ethnographic research in STS. Bring your lunch and meet your fellow ethnographers.

CASTAC: <http://castac.org/>

FAN: <https://easaonline.org/networks/fan/index.shtml>

#xcol: <http://xcol.org/>

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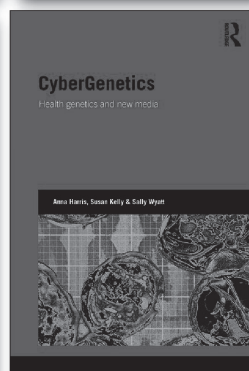
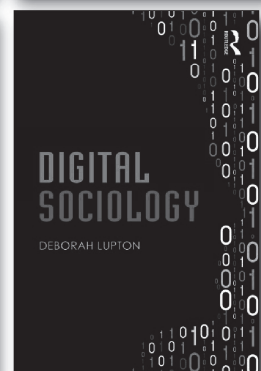
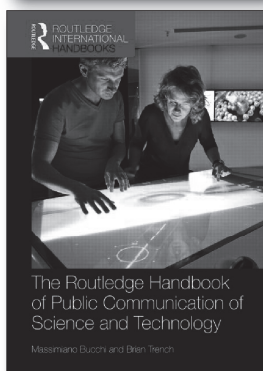
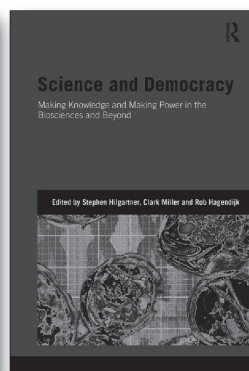
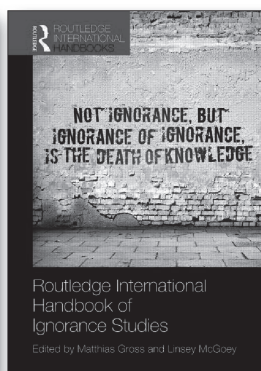
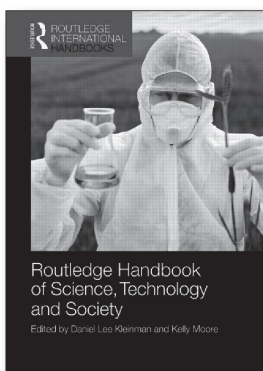
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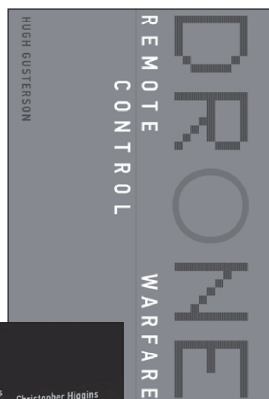
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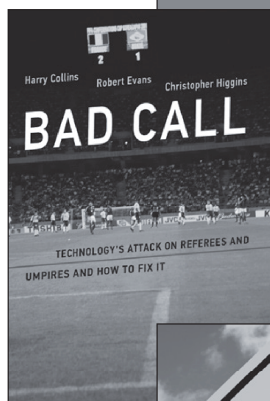
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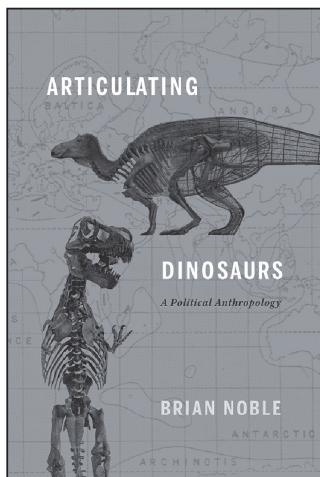
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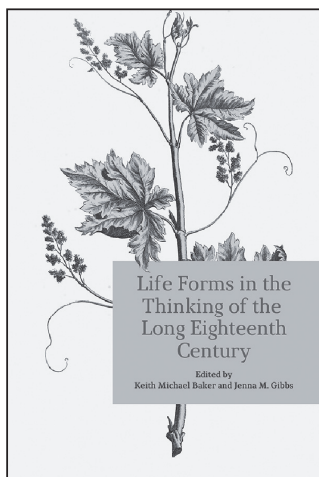
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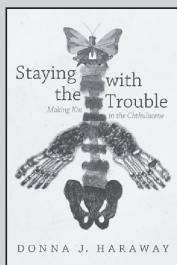
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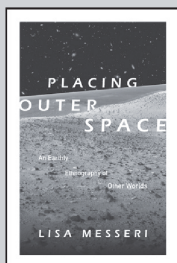


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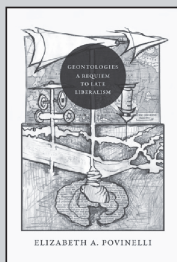
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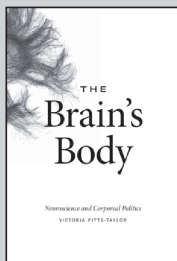
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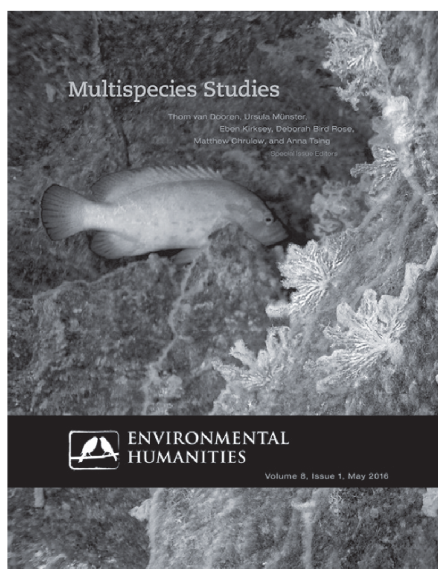
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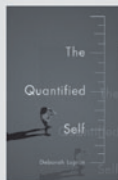
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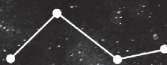
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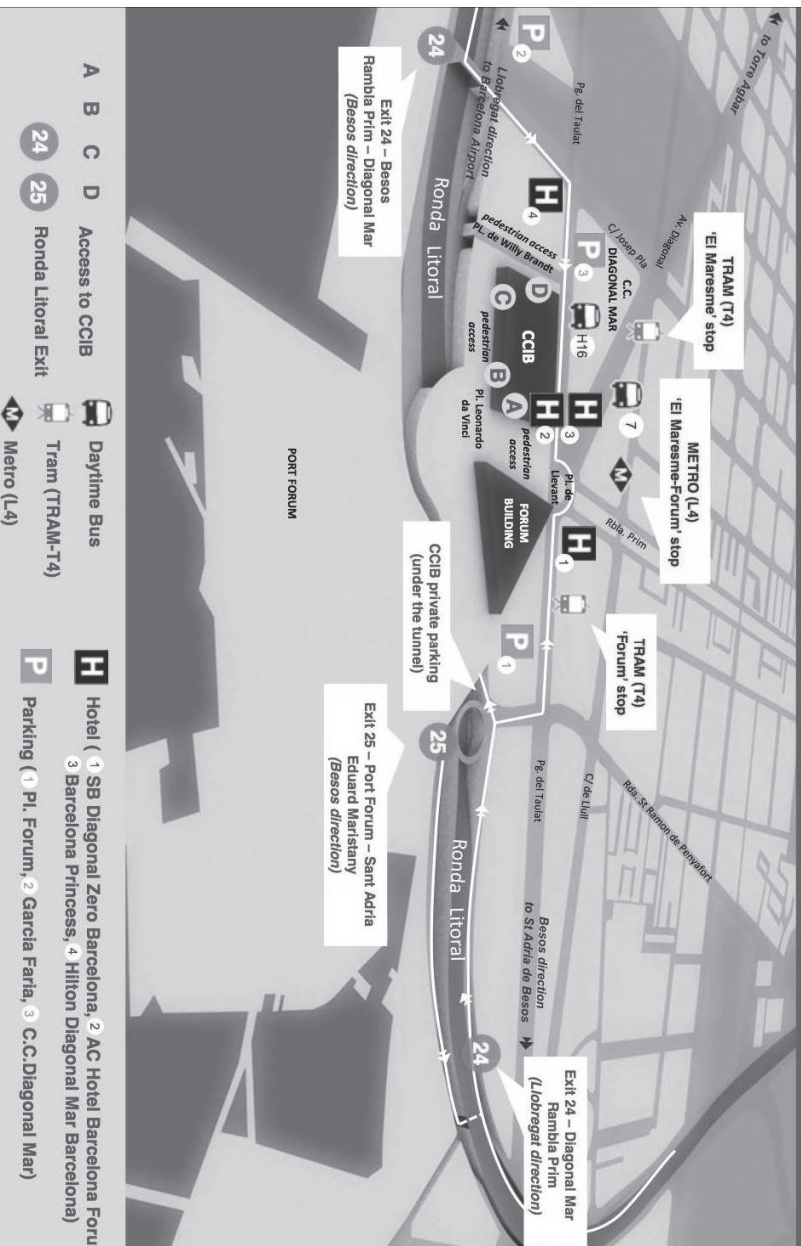
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