October 17-20, 2012 Copenhagen Business School Denmark

# Design and displacement

- social studies of science and technology

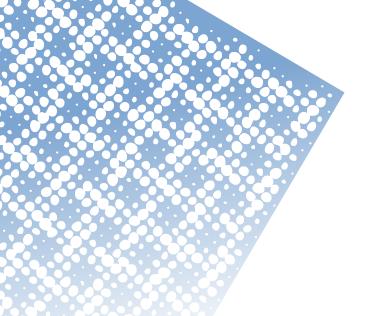
4S/EASST Joint Conference 2012

Society for Social Studies of Science (4S)
European Association for the Study of Science and Technology (EASST)









# Design and displacement

social studies of science and technology

WIFL AND APP

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#### WI-FI LOGIN (Case Sensitive):

Username: 4S-EASST@CBS.DK

Password: Pa\$\$word-1



#### **CONFERENCE APP:**

Find your way through the conference with the help of the conference App provided by CBS. The App lets you study the program, speakers, events etc. and you can sign up to receive alerts, so you get notified in case of program changes.

To get the App: go to your App store and search for "CBS Conference". The App is free of charge but be aware of possible roaming costs.

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FROM THE 4S PRESIDEN

#### Welcome from the 4S President

The first meeting of 4S was held in a lecture room at Cornell University in 1976. Let me repeat that: everything took place in that one lecture room!

Welcome to our joint 4S-EASST meeting in Copenhagen where you will find many, many lecture rooms and many, many people! Despite this being the largest 4S-EASST meeting ever, our local organizers have worked hard to keep it as part of Danish-style design— which means informal, friendly and as bicycle rich as possible. And totally cool!

For the first time that I can recall for a long time we have actually had to enforce registration deadlines to try and keep numbers of participants manageable. This means unfortunately that some potential paper givers are disappointed and some cannot even attend the meeting at all.

One major organizational change we have made together with EASST this year is to have the prize-winning presentations and acceptances as the main event of the Presidential Plenary. This should make the prize event more dignified and meaningful and hopefully that will make the banquet more informal and give more of a chance to eat, drink and mingle. The informal side of a conference is of course as important, or perhaps more important, than the formal so many sub-

FROM THE 4S PRESIDENT

sessions will involve meeting up in bars, coffee shops and in all the many in-between spaces. I hope to be inhabiting some of those informal spaces myself so please catch me there and say hello. I wish you all a great conference and hope you come away inspired and recharged from your time in Copenhagen — which remains my favorite city!

Trevor Pinch, 4S President

FROM THE EASST PRESIDENT

## Welcome to the 8th joint conference between EASST and 4S

These events have been held every 4 years over 3 decades. Participation has increased from less than 200 at Ghent in 1984 to over 1600 at our present conference here in Copenhagen in 2012. We can celebrate the sustained growth over this period of a broad academic community in the field of science, technology & innovation studies.

The successful growth of the field has occurred during a time in which the universities in which most of us work have become increasingly enmeshed in competitive performance frameworks which often discourage novel boundary spanning activity. It is a tribute to the vigour of the field that we continue to show such remarkable growth. However it also highlights the importance of our own collaborative networks and organizations. EASST and 4S have a key role to play in articulating our values and aspirations.

We are delighted that this conference sees the launch of the EASST journal Science and Technology Studies which will provide a new publication outlet to enrich our academic profile. Such initiatives can only thrive through the energies of a community of researchers and scholars who socially and intellectually interact at international meetings such as this.

FROM THE EASST PRESIDENT

We are indebted to the local team who have shouldered the task of making this such a success. Copenhagen offers us a great location for a stimulating and productive time together.

Fred Steward, EASST President

WELCOME WELCOME

#### FROM THE LOCAL ORGANIZING COMMITTEE

## Welcome by the Conference Organizing Committee

When we decided about two years ago to organize the conference at CBS, it was the thought of inviting colleagues from around the globe to our place that made us smile and agree to this task — even though we knew that we would regret it at some point. Those moments of slight regret, however, have been few and very short.

With approximately 1650 registered participants and 1352 papers in 320 sessions, this is the largest 4S/EASST conference ever. We are extremely proud of our opening pre-conference on Copenhagenization. This is not simply a plenary with keynotes. It combines the academic format with a plethora of art installations, cultural experiences, exhibitions and tours (see also pages 32-52). We are also proud of inventing the concept of 'open panels'. With a total of 104 panels, this format has been a huge success. A vast majority of the presenters have chosen to be part of the specific panel in which they appear. We consider this a very good foundation for meaningful exchanges.

Our 'we' includes a great number of people who deserve a lot of thanks for making this conference possible. The many organizers of open panels have done a great job and so have the many people in the scientific committee and the local organizing committee. Signe Vikkelsø has chaired the scientific committee and Ursula Plesner has chaired the committee organizing

#### FROM THE LOCAL ORGANIZING COMMITTEE

the pre-conference. Both have worked long and hard with a great outcome. The same goes for Kirsten Suhr Jacobsen and Kristine Olsen in the conference secretariat. Susse Georg did very well on fundraising and our assistant Kristoffer Albris also deserves special thanks. Finally, the Danish Association of Science and Technology Studies (DASTS) has been an excellent resource and a continuing support for our work.

Finally, we would like to thank the CBS Sustainability Business-in-Society Platform as well as the Danish Society for Education and Business (formerly FUHU) and the Danish Research Council for the Humanities for funding which made the preconference possible.

Maja Horst, Chair of the Conference Organizing Committee

**Conference Organizing Committee:** Maja Horst (Chair), Susse Georg, Alan Irwin, Ursula Plesner, Signe Vikkelsø

Scientific Committee: Signe Vikkelsø (Chair), Stine Adrian, Anders Blok, Attila Bruni, Peter Danholt, Christopher Gad, Finn Hansson, Klaus Høyer, Casper Bruun Jensen, Ulrik Jørgensen, Satu Reijonen, Laura Watts, Brit Winthereik, Yutaka Yoshinaka

**Pre-conference Committee:** Ursula Plesner (Chair), Cecilie Glerup, Anne Katrine Braagaard Harders, Emil Krarup Husted, Casper Thyregod Kappel Jensen, Henriette Langstrup, Arun Micheelsen, Anders Kristian Munk, Helene Ratner, Lea Schick, Mette Vagner

CONFERENCE THEME

CONFERENCE THEME

### **Conference Theme**

esign' has become a key concept across a multitude of disciplinary domains and social spheres. In addition to its traditional 'aesthetic' associations, it is now a key term in multiple scientific domains and in diverse technological practices. One can even think of societies and social arrangements being 'designed'. In science and technology, 'design' implies the re-arrangement of materials and ideas for innovative purposes. When newly designed scientific and technical objects enter the world, however, their initial purposes are often displaced.

For decades, STS researchers have been following the practical and political dimensions of science and technology. By focusing on concepts and practices of scientific and technological design at their sites of construction and on their multiple displacements, the 2012 conference continues this tradition. By bringing together 'design' and 'displacement' we want to highlight how scientific and technological design engages with existing socio-technical arrangements in both planned and unplanned ways, facilitating both collaborations and contestations, and generating both order and disorder.

The conference encourages analytic, critical, and practical engagement with design and displacement in several ways. First, it points to the need for investigating the relation between design intentions and their displacements, for example as catalysts for

change and conflict. It also highlights the importance of investigating design controversies. It locates design practices in broader political contexts, and focuses attention on how design facilitates or hinders social inclusion, locally and globally. The theme 'Design and Displacement' invites careful analyses of the way design practices take part in shaping worlds. However, 'Design and Displacement' also raises questions around STS as design work and practice-based interventions. In this sense design becomes simultaneously topic and outcome, a situation that raises new questions concerning the role of STS research.

#### Scientific Committee:

Signe Vikkelsø (Chair)

Stine Adrian

Anders Blok

Attila Bruni

Peter Danholt

Christopher Gad

Finn Hansson

Klaus Høyer

Casper Bruun Jensen

Ulrik Jørgensen

Satu Reijonen

Laura Watts

Brit Winthereik

Yutaka Yoshinaka

WELCOME WELCOME

FROM COPENHAGEN BUSINESS SCHOOL

## Welcome to Copenhagen Business School

Thank you for coming to join us in what we hope will be a really memorable celebration of all that is provocative, innovative and forward-looking about STS. Let us appreciate great scholarship, gain inspiration from each others' work and have some fun too. And please take some time to look around our wonderful city and learn something about the cultural and political environment of this little country. Who was Grundtvig, how many main political parties are there in the Danish parliament and who killed Nanna Birk Larsen? I will expect answers (but please don't tell the final answer to anyone who hasn't seen The Killing — they'll need to work it out for themselves).

And we meet in a business school of all places. But this is Copenhagen Business School which prides itself on the 'distinctiveness of its diversity' (to use an old CBS slogan). I won't bore you with institutional self-aggrandisement (which is anyway not a Danish characteristic) but I'll just say that CBS is much broader than the usual model of a business school — with humanities, social sciences and law as well as economics, finance, and strategic management. We work hard to encourage cross-disciplinary initiatives — for example, in areas like sustainability and public-private relations. We're large by business school standards with close to 20,000 stu-

#### FROM COPENHAGEN BUSINESS SCHOOL

dents. We're rather surprised that our 100 year birthday is very close. And we are a self-standing public university not part of another institution.

Why throw CBS open to such a large STS gathering? Well, and as you will soon gather, STS is an established - and growing - force in Scandinavia so it seems only right that we should take our turn to play host. More than that, our region has played an important part in shaping discussions around socio-scientific relations - not least through public debates around science and technology, including the development of consensus conferences and the Danish Board of Technology. And STS fits with the intellectual spirit of CBS: restless, boundary-crossing, engaged.

Thank you to everyone who has played a part in making this conference happen — and that includes each participant. This is the largest conference ever held at CBS so please forgive us if sometimes you need to queue. But if you do find yourself standing with unfamiliar colleagues in a slow line, this could be just the chance to find out about Grundtvig and the Danish political system - and what was all that about Nanna Birk Larsen?

#### Have a great conference.

Alan Irwin, CBS Dean of Research

GOVERNANCE GOVERNANCE

4S GOVERNANCE

4S GOVERNANCE

### **4S Governance**

#### **President**

Trevor Pinch, Cornell University ST&S

#### **Past President**

Judy Wajcman, London School of Economics

#### Secretary

Wesley Shrum, Louisiana State University

#### **Associate Treasurer**

Paige Miller, University of Wisconsin, River Falls

#### Council

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Natasha Myers, York University
Maria Puig de la Bellacasa, School of Management,
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Steve Zehr, University of Southern Indiana
Laurel Smith-Doerr, Boston University
Linda Layne, Rensselaer Polytechnic Institute
Kenji Ito, Associate Professor, The Graduate University
for Advanced Studies (Sokendai)

Kaushik Sunder Rajan, University of Chicago Leandro Rodriguez Medina, Universidad de las Américas Puebla

#### **Student Representatives**

Jess Bier Samuel Tettner



GOVERNANCE GOVERNANCE

#### **EASST GOVERENANCE**

#### **EASST Governance**

#### **President**

Fred Steward, Policy Studies Institute, Westminster University, UK (Elected 2009 – 2012)

#### Secretary

Estrid Sørensen, Ruhr-Universität, Bochum, Germany Elected Council Member (2009 - 2012)

#### **Treasurer**

Harro van Lente, University of Utrecht, The Netherlands Elected Council Member (2009 - 2012)

Marc Audetat, University of Lausanne, Switzerland Elected Council Member (2009 - 2012)

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

Claire Waterton, Lancaster University, UK Elected Council Member (2009 - 2012)

Laura Watts, IT University of Copenhagen, Denmark Elected Council Member (2011 - 2014)

#### **EASST GOVERENANCE**

Attila Bruni, University of Trento, Italy Elected Council Member (2011 - 2014)

#### **Student Representative**

Ingmar Lippert, Augsburg University, Germany and National University of Singapore, Singapore Elected Council Member (2011 - 2014)

#### Co-opted Member: EASST Review Editor (2007 - )

Ann Rudinow Saetnan, Norwegian University of Science and Technology, Trondheim, Norway

## Co-opted Member: EASST / 4S Conference Co-ordination (2012)

Maja Horst, University of Copenhagen, Denmark



european association for the study of science and technology

GENERAL INFORMATION

#### **GENERAL INFORMATION**

#### Conference Venue

Copenhagen Business School (CBS) www.cbs.dk

Tel: +45 3815 3815

Solbjerg Plads Campus Solbjerg Plads 3 2000 Frederiksberg

Kilen /The Wedge Campus Kilevej 14 2000 Frederiksberg

#### Registration

The Registration Desk is located in the Main Hall at the Solbjerg Plads Campus in front of the Library. The desk is open for registration and information:

 Wednesday, 17 October:
 1:00 - 7:00 pm

 Thursday, 18 October:
 8:00 am - 5:30 pm

 Friday, 19 October:
 8:30 am - 5:30 pm

 Saturday, 20 October:
 8:30 am - 4:30 pm

#### **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. CBS has a permanent reception

**GENERAL INFORMATION** 

denoted "Information" next to the Library. Please feel free to ask more general questions about CBS 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 and exhibitors are required to wear their badge during all conference events. For those who have signed up to participate in the reception at the Copenhagen City Hall, Thursday, 18 October, 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 at Solbjerg Plads 3 in the canteen on the ground floor and on the 2nd floor, in the market place area and along the Hallway, Thursday, Friday and Saturday from 12:30-2:00 pm. Also, lunch is served at Kilen/The Wedge in the Atrium on the ground floor (same hours).

#### Coffee/Tea Breaks

Coffee/Tea Breaks are at Solbjerg Plads 3 in the market place area and along the Hallway, Thursday, Friday and Saturday from 10:30-11:00 am and 3:30-4:00 pm — as well as in the Atrium at Kilen/The Wedge.

#### GENERAL INFORMATION

#### **Smoking**

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

#### Lavatories

CBS is a learning university and the capacity and standard of lavatories have therefore improved with every new campus building built! At Solbjerg Plads, where the main activities of the conference will take place, a green, water-saving strategy has been implemented. However, these measures have an impact when thousands of people are in the building at the same time and the pressure on the sewer system drastically grows. We therefore hope for your understanding should you experience the sewer systems to fail momentarily.

Lavatories can be found on all floors of the Solbjerg Plads building, near the elevator towers. The higher you aim in the building, the cleaner an experience you will get! At Kilen/The Wedge, our latest building, you will find nice lavatories on the ground floor.

#### Internet Access

Computers with a broadband connection to the Internet will be available for conference participants during conference hours at Solbjerg Plads 3, Room SP107 (1st floor). Participants who bring their own WiFi-enabled computer will have unlimited access to a wireless network all over CBS campus. Access is free of charge but the following information is required in order to log on:

#### GENERAL INFORMATION

Username: 4S-EASST@CBS.DK

Password: Pa\$\$word-1

#### Conference App

Find your way through the conference with the help of the conference App provided by CBS. The App lets you study the program, speakers, events etc. and you can sign up to receive alerts, so you get notified in case of program changes.

To get the App: go to your App store and search for "CBS Conference". The App is free of charge but be aware of possible roaming costs.

#### **AV-Equipment**

Standard AV-equipment including PCs and data-projectors (beamers) are available in all rooms and Conference Volunteers will be present and assist with uploading of presentations etc. Please note that support for MAC-computers will not be provided.

#### **Tourist Information Desk**

Staff from Wonderful Copenhagen (the official convention, event and visitors bureau of the greater Copenhagen area) will be ready to assist you with general information on Copenhagen/Denmark. Look for the Tourist Information Desk in the Main Hall.

#### **Book Exhibition**

All exhibition tables are found in the Hallway at Solbjerg Plads 3 (a list of Exhibitors can be found on page 26).

#### RECEPTIONS AND BANQUET

#### Getting to Copenhagen Business School

Both Solbjerg Plads and Kilen/The Wedge Campus at Copenhagen Business School are conveniently located right next to Frederiksberg Metro Station. Kilen/The Wedge can also be reached by the Metro Fasanvej.

#### Liability

Neither 4S/EASST nor the Copenhagen Business School 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, 17 October

6:00-8:00 pm

CBS: Solbjerg Plads 3, Frederiksberg

### Herbs, Soil and Beer from a Microbrewery: Tastings from the New Nordic Kitchen

As part of the exhibition on the 'New Nordic Kitchen', chefs and collectors of wild herbs will be present at the conference on Wednesday with tales and tastings from the New Nordic Kitchen. For the Welcome Reception we have organized an tasting of beer from a local microbrewery.

#### RECEPTIONS AND BANQUET

#### **Reception at Copenhagen City Hall**

Thursday, 18 October 7:00-9:00 pm Copenhagen City Hall, Rådhuspladsen 1, Copenhagen

The City of Copenhagen is generously hosting a reception at the Copenhagen City Hall – beautiful headquarters of the municipal council as well as the Lord Mayor of the Copenhagen Municipality, Denmark. The building is situated on The City Hall Square in central Copenhagen.

#### **Banquet - New Nordic Tasting Buffet**

Friday, 19 October 7:00-11:00 pm CBS: Ovnhallen (The Kiln Hall), Porcelænshaven 20, Frederiksberg

The New Nordic Food movement can be seen as a gastronomic reaction against the growing globalization and industrialization of national food systems in the Nordic region. The New Nordic Food movement has become a node for (re-)creations of time, place, substance, and edibility. As a means of coming closer to a bodily understanding of the 'New Nordic Kitchen'— and as an attempt to further localize the 4S/EASST conference we have sampled a New Nordic tasting buffet.

## Use your phone to get directions at CBS

#### CBS WayFinder, giving you directions at Copenhagen Business School!

Have you ever walked into an unfamiliar building and didn't know where to go?

CBS WayFinder quides you directly to your location

CBS WayFinder is a smartphone based indoor navigation system that can be accessed through QR-codes and **Ask**Cody figures within CBS buildings.

Scan the QR code on the **Ask**Cody figures located around campus and select your destination. Now simply follow the route that you are given on your phone It's that simple!

#### No more wating time, no more getting lost!

This conference programe has a localized QR-code for the campus desk at Solbjerg Plads on the the next side. Try it out now and scan the QR-code with your smartpone to get started.

Getting in doubt where to go during the EASST/4S conference or having trouble finding your way?

Just **Ask**Cody!



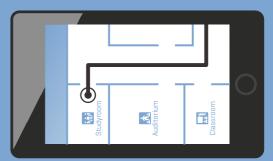


3. WALK

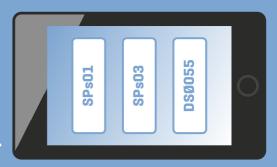
find your way with AskCody

JR-code with your phone

Scan the



2. SELECT



Select where you

SCAN



Scan the QR-code with your smartphone

#### **EXHIBITORS**

## Exhibitors with tables in the Book Exhibit include:

Ashgate Publishing
Duke University Press
MIT Press
Taylor & Francis
University of Chicago Press
US National Science Foundation

At the Silent Auction Book Exhibit books from the following presses will be on display and available for purchase on Saturday to the highest bidder:

Cornell University Press
Emerald Group Publishing
Princeton University Press
Oxford University Press
Environment and Sustainability Earthscan
from Routledge
Cambridge University Press
University of Pennsylvania Press

### **Conference Program Overview**

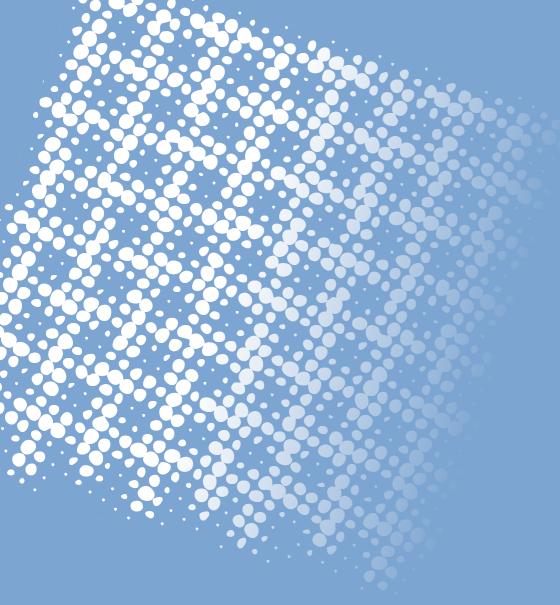
| Wednesday, 17 October 2012 |   |  |  |  |
|----------------------------|---|--|--|--|
| TIME                       | MAIN PROGRAM  | MEETINGS   |  |  |
| 1:00-7:00 pm               | Registration<br>CBS: Solbjerg Plads 3, ground floor<br>Time: 1:00 -7:00 pm  | 4S Publications Committee Meeting<br>Contact: Wesley M Shrum<br>Time: 1:00-3:00 pm<br>Room: D.2.20 |  |  |
|                            |   | 4S Council Meeting<br>Contact: Wesley M Shrum<br>Time: 3:00-6:00 pm<br>Room: D.2.20                |  |  |
|                            | Fair & Exhibition:  |  |  |  |
| 2:00-8:00 pm               | Chaotic Flow Illutron The Day Tripper's Secret Inner City Hideaway Hartmut Stockter  New Nordic Kitchen: Beyond Gastronomy and the Culinary Arts Arun Micheelsen & Anders Kristian Munk, Aalborg University Herbs and Soil: Tastings from The New Nordic Kitchen Søren Espersen & Simon Milwertz Philipsen  Negotiating the bicycle – negotiating the city Anne Kathrine Harders Designing/displacing the habour COBE Architects Welfairytales: The EXPO films Martin de Thurah |  |  |  |
| 2:00-3:00 pm               | CBS: Solbjerg Plads 3, ground floor  The Design Mailboat  Laura Watts with Pelle Ehn and Lucy Suchman  Room: BGs01  |  |  |  |
| 3:30-4:30 pm               | Designing/Displacing a future Copenhagen<br>Anders Blok, Rune Boserup<br>Room: BGso1  |  |  |  |
| 5:00-6:00 pm               | Textures and Tastes - The future of Science & Technology Studies  Annemarie Mol  Room: BGs01  |  |  |  |
| 6:00-8:00 pm               | Welcome Reception CBS: Solbjerg Plads 3, ground floor   |  |  |  |
| 8:00 pm                    |   | ESST 20 Year Anniversary<br>Café Phenix, Allegade 8, 2000 Frederiksberg                            |  |  |

CONFERENCE PROGRAM OVERVIEW

| Thursday, 18 October 2012 |   |  |  |  |
|---------------------------|---|--|--|--|
| TIME                      | MAIN PROGRAM  | MEETINGS   |  |  |
| 7:30-09:00 am             | Registration<br>Time: 8:00 am - 5:30 pm<br>CBS: Solbjerg Plads 3, Ground Floor  | New Genetics and Society, Directors Meeting<br>Contact: Adam Hedgecoe<br>Time: 7:30 - 9:00 am<br>Room: D.3.FUHU  |  |  |
| 9:00-10:30 am             | Sessions  |  |  |  |
| 10:30-11:00 am            | Coffee break  |  |  |  |
| 11:00-12:30 am            | Sessions  |  |  |  |
| 12:30-2:00 pm             | Lunch Pack your own lunch bag (included in the registration fee) Solbjerg Plads 3: in the canteen on the ground floor and on the 2 <sup>nd</sup> floor, in the market place area and along the hallway Kilen: in the Atrium | Science as Culture, Journal's Advisory Panel Contact: Les Levidow Room: D.2.45  Sociology of Science and Technology Network (SSTNET) of the European Sociological Association (ESA): Social studies of corporate science Contact: Katarina Prpic Room: SP113  ST&HV Editorial Meeting Contact: Katie Vann Room: D.2.20 |  |  |
| 2:00-3:30 pm              | Sessions  |  |  |  |
| 3:30-4:00 pm              | Coffee break  |  |  |  |
| 4:00-5:30 pm              | Sessions  |  |  |  |
| 5:30-6:30 pm              |   | 4S Business Meeting<br>Contact: Wesley M Shrum<br>Room: SPs01  |  |  |
| 7:00-9:00 pm              | Reception (access requires pre-registration and a ticket) Copenhagen City Hall (Rådhuset), City Hall Square, Copenhagen   |  |  |  |
| 9:00 pm                   | Meet and Greet (for 4S students only) Copenhagen City Hall (Rådhuset), City Hall Square, Copenhagen   |  |  |  |

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| TIME            | MAINI DDOCDAM  | MEETINGS   |  |
|-----------------|--|--|--|
| TIME            | MAIN PROGRAM   | MEETINGS   |  |
| 7:30-9:00 am    | Registration Time: 8:30 am - 5:30 pm CBS: Solbjerg Plads 3, Main Hall, Ground Floor  | SSS Social Studies of Science<br>Contact: Sergio Sismondo<br>Time: 7:30-9:00 am<br>Room: D.3.FUHU          |  |
| 9:00-10:30 am   | Sessions   |  |  |
| 10:30-11:00 am  | Coffee break   |  |  |
| 11:00-12:30 am  | Sessions   |  |  |
| 12:30-2:00 pm   | Lunch Pack your own lunch bag (included in the registration fee)   | 25 years of WTMC (Wetenschap, Technologie<br>en Moderne Cultuur)<br>Contact: Sally Wyatt<br>Room: SP113    |  |
|                 | Solbjerg Plads 3: in the canteen<br>on the ground floor and on the 2 <sup>nd</sup><br>floor, in the market place area and<br>along the hallway<br>Kilen: in the Atrium | The Asia-Pacific Science, Technology and<br>Society Network (APSTSN)<br>Contact: Emma Kowal<br>Room: SP114 |  |
|                 |  | Mattering Press Lunch<br>Contact: Endre Dányi<br>Room: SP112   |  |
| 2:00-3:30 pm    | Sessions   |  |  |
| 3:30-4:00 pm    | Coffee break   |  |  |
| 4:00-5:30 pm    | Presidential Plenary<br>Room: SPso1, live streaming to SP201 & SP202   |  |  |
| 7:00- 11:00 pm  | Banquet New Nordic Tasting Buffet (CBS: Ovnhallen (The Kiln Hall), Porcelænshaven 20, 2000 Frederiksberg   |  |  |
| Saturday, 2     | o October 2010   |  |  |
| TIME            | MAIN PROGRAM   | MEETINGS   |  |
| 9:00-10:30 am   | Sessions   |  |  |
| 10:30-11:00 am  | Coffee break   |  |  |
| 11:00-12:30 am  | Sessions   |  |  |
| 12:30-2:00 pm S | Lunch Pack your own lunch bag (included in the registration fee)   | EASST General Meeting  |  |
|                 | Solbjerg Plads 3: in the canteen<br>on the ground floor and on the 2nd<br>floor, in the market place area and<br>along the hallway<br>Kilen: in the Atrium             | Contact: Fred Steward Room: SP202  |  |
| 2:00-3:30 pm    | Sessions   |  |  |
|                 | 0.5.11   |  |  |
| 3:30-4:00 pm    | Coffee break   |  |  |



## Wednesday Program 17 October







WELCOME



## Dear all, welcome to Copenhagen, welcome to 4S/EASST, welcome to four days under the heading 'Design and Displacement'

A s an attempt to localize the overall theme and give everyone a chance to explore the city, we have decided to spend Wednesday the 17th with presenting and discussing the concept of 'Copenhagenization'. The term refers to the status Copenhagen has achieved as an alternative and ambitious city that is gradually changing an industrial metropolis into a green, welcoming, healthy and funky space. Copenhagen, however, also encompasses a variety of excellent examples of the way in which urban development has unexpected effects and hidden expenses. City scapes that were intended to be green and friendly now remain empty and uninspiring. Colourful neighbourhoods have suddenly lost their pulse, while 'failed' projects have blossomed in unexpected ways. The city

WELCOME

develops in spite of design ambitions! In that way, 'Copenhagenizations is certainly an example of experimental design and those types of displacements — in infrastructure, social worlds, moving patterns, economies, transactions, metabolism, climate — that Science and Technology Studies aim to explore and problematize.

The 'Copenhagenzation' phenomenon is explored from a range of different artistic, artistic and culinary angles. Focus is on the 'New Nordic Kitchen', bicycling, urban planning and architecture. See the exhibitions, listen to the talks, taste the herbs!

Enjoy!

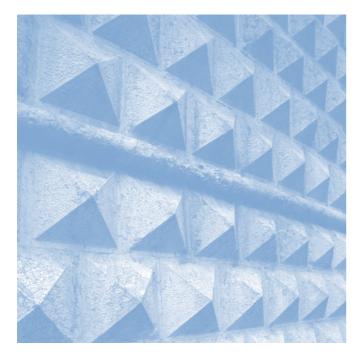
#### The local Wednesday Program Committee:

Anders Kristian Munk, Aalborg University
Anne Katrine Harders, Aalborg University
Arun Micheelsen, Copenhagen University
Cecilie Glerup, Copenhagen Business School
Emil Husted, Copenhagen Business School
Helene Ratner, Copenhagen Business School
Henriette Langstrup, Copenhagen University
Lea Schick, IT University of Copenhagen
Ursula Plesner, Copenhagen Business School

EXHIBITION

#### **Exhibitions**

In the intersections between art, science, politics and pleasure, five exhibitions discuss and display different arc typical aspects of 'Copenhagenization'. Some of them will be on display throughout the conference; some of them are a Wednesday experience exclusively.



EXHIBITIONS



#### New Nordic Kitchen: Beyond Gastronomy and the Culinary Arts

Arun Micheelsen, University of Copenhagen Anders Kristian Munk, Aalborg University

During the past 5-10 years, The New Nordic Kitchen has radically altered Copenhagen's ability to stage itself as an innovative and gastronomically creative city. Across agendas like public health, regional development, environmental sustainability and children's education, key issues are now being cast in New Nordic terms — spurring both enthusiasm and conflicts among experts, politicians and citizens. The exhibition explores the effects of New Nordic Food both through a set of digital maps and through a tableau of representations from the OPUS research project, detailing how the scientisation of the culinary and its social ambitions are taking form.

EXHIBITION

## Herbs and Soil: Tastings from The New Nordic Kitchen

Simon Milwertz Philipsen, Simons Kogeskole Søren Espersen

As part of the exhibition on the 'New Nordic Kitchen', chefs and collectors of wild herbs visit the conference Wednesday afternoon with tales and tastings from the New Nordic Kitchen. The cosmology of the movement, as well as its materialization on the plate, is based on primarily using indigenous seasonal Nordic foodstuffs from the wild Nordic nature. A one-day exhibition will give you a flavourful introduction to the wild herbs and berries that can be found in Denmark. The herbs and berries are collected from various parts of the Danish landscape; the beaches, the beech forests, the meadows.



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EXHIBITIONS



#### Negotiating the bicycle – negotiating the city

Anne Katrine Harders, Aalborg University

The bicycle is an old technology dating back to the 19th century. First used as a toy for the few and wealthy, now a key player in discussions about sustainable cities with less pollution, less noise and more 'livable cities'. Copenhagen is perceived a frontrunner in this regard,

especially due to the commonality of bicycling that ensures high mobility with limited negative consequences for the city.

Based on research, this exhibition addresses the question of how an old technology like the bicycle can become the centre of innovative and sustainable urban development.

#### **EXHIBITIONS**



## Designing/displacing the habour (Nordhavn)

**COBE** Architects

Our concepts of tomorrow's cities are continually displaced and redesigned to fit changing climates, rising populations, and other ecological issues. "Nordhavnen" is a future neighbourhood in Copenhagen that is taking form on the fringe of an old mixed neighbourhood of workers and well-to-do's in the Northern part of Copenhagen. The new part of town has the ambitious goal of being CO2 neutral. But diverse knowledge forms, conflicting expectations about city life and specific building designs need to be assembled in successful ways in order to construct a living (and perhaps sustainable) neighbourhood. This exhibition seeks to map out the many conflicts and connections surrounding the construction of a future part of Copenhagen.

**EXHIBITIONS** 

#### Welfairytales: The EXPO films

Martin de Thurah

The Danish EXPO office, located in the Danish Business Authority (Erhvervsstyrelsen), has kindly lent the EXPO films for display during this year's 4S/EASST.

Three short films about Danish city life produced by Martin de Thurah will be on display during the conference. The films were produced for the Danish EXPO Pavillion in Shanghai 2010, which presented Denmark to a Chinese Audience through the notion of "Welfairytales". They are named "Water City," "Bicycle City," and "Family City". The films offer an impressionistic painting of Denmark through atmospheric vignettes of rush hour bicycle traffic, children playing pirates in front of Danish architecture, and elderly people swimming in the harbor bath. Apart from their artistic value, the films allow an insight into how the Danish authorities brand Copenhagen as a city that combines "sustainability and growth"; "urban development and welfare solutions" with a "high quality of life."

#### Place:

Wednesday: CBS, SPo8

Thursday, Friday, Saturday: CBS, BGso1

EXCURSIONS

#### **Excursions**

Throughout the conference four excursions invite you to explore both Copenhagen and 'Copenhagenization' from very different thematic angles and at very different sites in the city.



## Obesity – What's the problem? at the Medical Museion

Medical Museion welcomes you to an early evening about the prevention and treatment of obesity. The evening offers an introduction and a visit to Museion's new exhibition Obesity - What's the problem? STS ethnologist Astrid Jespersen will

**EXCURSIONS** 

give a short presentation on a research project at the University of Copenhagen, looking to find ways to prevent obesity by stimulating physical activity in everyday life. Visit this beautiful, historical 18th century building, and take part in a joint discussion on the redesign of bodies through displacement of the internal organs, and on external, socio-political obesity categories.

#### Time:

Thursday 6:30 pm

#### Place:

Medical Museion, Bredgade 62, 1260 Copenhagen K

#### Getting there:

Take subway from Copenhagen Business School (CBS) to Nyhavn and walk 10 min down Bredgade, or take bus 1A or bus 15 from Nyhavn, stops in front of museum.

#### **Meeting Point:**

The Museion entrance hall

**EXCURSIONS** 

## The bicycle as a wheel for urban development and conflicts

Copenhagen aims at becoming the world's number one cycling city. On the conference's guided bicycle tour you will get an exclusive sneak peek at how this urban mobility phenomenon unfolds itself in the city of Copenhagen. The trip will involve a talk about infrastructure, but also how culture and urban space influence our use of the bicycle as a transport technology. You will get to know some of the fairy tale stories about bicycling in Copenhagen, as well as stories about all the challenges and how bicycling is not only a matter of counting cyclists.

#### Time:

Thursday and Friday: 12:30 (lunch break)

#### **Meeting Point:**

Show up at the bicycle tour meeting point at the main conference venue

**EXCURSIONS** 

#### The Wall

The award-winning project 'The Wall' is the Museum of Copenhagen's newest interactive initiative. A 12 meter long mobile touch screen moves around the city alongside the metro construction digs and enables the visitors to both upload and scroll through archival material in a vast 3d cityscape, neighbourhood by neighbourhood, keyword by keyword, or theme by theme. During 4S/EASST, the Wall will be located close to the conference venue by Frederiksberg Runddel. Take a lunch break tour to The Wall with project coordinator Sarah Giersing and curator Jacob Parby Ingemann. Or visit The Wall's website (http://vaeggen.copenhagen.dk/en/) to take part in the palaver around Copenhagen and copenhagenization

#### Time:

Thursday and Friday: 12:30 (lunch break)

#### Meeting Point:

Show up at the tour meeting point at the main conference venue

**EXCURSIONS** 

## Reconstructing Copenhagen at the North Harbor

COBE Architects

Tomorrow's cities are being displaced and redesigned to fit changing climates, shortages of resources, rising populations, and other socio-ecological issues. Worldwide, sustainable cities are being imagined and created. With an ambitious city development project in the old industrial North Harbour, Copenhagen aims at becoming an urban forerunner in this movement. New islands are being built on the outskirts of Copenhagen, and the city will become 1% bigger by 2050. The architects behind North Harbour, COBE Architects will be presenting the North Harbour project as part of our exhibition theme on sustainable cities and 'Copenhagenization'.

It is possible to visit the construction site by taking the Metro to Kongens Nytorv and from there Bus 26 to Færgehavn Nord. The 4S/EASST Committee has not arranged any formal tour to the North Habour, but recommends the site as worth exploring.

Foor

FOOD

#### Food

#### 'New Nordic' food theme at 4S/EASST

The New Nordic Food movement can be seen as a gastronomic reaction against the growing globalization and industrialization of national food systems in the Nordic region. Thus, the New Nordic Food movement has become a node for (re-)creations of time, place, substance, and edibility.

As can be explored at the Wednesday talks and exhibitions, The New Nordic Kitchen is a many facetted phenomenon; an haute cuisine located among Nordic chefs and restaurants (e.g. Noma), a political instrument for furthering the construction of a Nordic-cultural brand, a scientific assembly aiming at bettering public health in Denmark as well as a product targeting the Danish consumers. Each manifestation displacing Nordicness, food and place differently, however, all with the gastronomic enterprise as their common denominator.

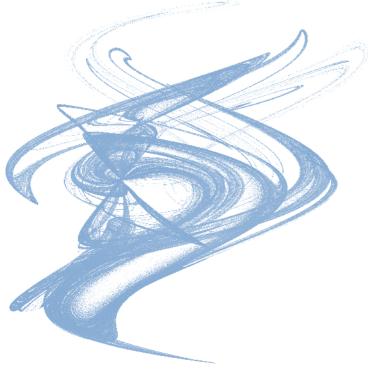
As a means of coming closer to a bodily understanding of the 'New Nordic Kitchen'— and as an attempt to further localize the 4S conference — we serve lunch and snacks living up to the 'New Nordic kitchen principles' throughout the conference. Try a Danish "frøsnapper" with fried rye or indulge in baked pork with ramson.



ARTWORKS

#### Art:

As a new feature of 4S/EASST, we have invited a group of artists to reflect on socio-material relations between public space, city-flows, nature, and technology. The artworks will be on display at the main conference venue throughout the conference.



#### Illutron

is a collaborative, interactive art studio residing on an old tugboat at the South Harbor of Copenhagen. For the conference, Illutron has collaborated with the Copenhagen Municipalities, from whom they get data on the bicycle flow in Copenhagen. The data is translated into abstract expression, through color-coded water flowing within 1000 meters of plastic tubing— in order to find the artwork, look up!

#### **Hartmut Stockter**

is a German artist living and working on his boat in Copenhagen. His low-tech sculptures are designed as a 'day trippers' equipment, turning a walk through a backyard, a park, or a brownfield site into an exploratory expedition. Through his subtle sculptures, one can engage with the urban land-scape in creative, playful ways and his art invites us to reflect upon the nature of the city and on functionality of the tools through which one experiences one's surroundings.



THEMATIC OPENING TALKS

## Wednesday Thematic Opening Talks

(from 2pm to 6 pm, 17 October 2012)

#### Welcome

by Ursula Plesner, Copenhagen Business School

#### The Design Mailboat

Laura Watts with Pelle Ehn and Lucy Suchman

#### Introduction

Lea Schick, IT University of Copenhagen 2:00-3:00 pm

Room: BGs01

Messages in a bottle, messages caught in bits of undersea light. Mailboats are message-sized vessels designed to carry words on the tide from one beach to another, to send questions and receive floating replies. The Design Mailboat is one such word-bearing ship. We have been sending it back and forth between three coasts with a passion for design and its futures. The Design Mailboat has floated from the Orkney Islands off the north east coast of Scotland, through the Øresund between Denmark and Sweden, to the Silicon Valley on the west coast of the United States. Silicon Valley is the mythic origin of the design of the mouse, the graphical user

#### THEMATIC OPENING TALKS

interface, the big green button on the photocopier. Copenhagen is a mythic centre of Scandinavian Design, origins of 'the white style,' beautiful functional objects, but maybe also the Thing and its agonistic collectives. Orkney Islands are a mythic origin for wave and tidal renewable energy, and for the design of monumental stone circles, built over five thousand years ago. We have been asking each other what 'design' is in these various places, from our locations as the Future Archaeologist, the Collective Designer and the Anthropologist of Technoscience. In this presentation we share our mailboat messages with you, and send off one final Design Mailboat from the shores of Copenhagen.

## Designing/Displacing a future Copenhagen

Anders Blok, Rune Boserup

#### Introduction

Cecilie Glerup, Copenhagen Business School

3:30-4:30 pm Room: BGs01

Today more than 50% of the world's population lives in cities, which means that cities use 70% of the world's resources and are responsible for 80% of the CO2 emissions. The modernist and industrialist city is no longer sustainable nor a desirable model for future cities. Worldwide, sustainable cities are be-

#### THEMATIC OPENING TALKS

ing imagined and made. But what shape will those sustainable cities take? What will be different? Which natures will move into the city? What will city life look like in the future? With an ambitious city development project in the old, industrial North Habour, Copenhagen aims at becoming a forerunner leading the way for sustainable city development. Sociologist Anders Blok will engage in a dialogue with Rune Boserup from COBE architects, the designers of the new North Harbour, on how future, sustainable cities will take form, and the diverse challenges that are involved. The North Harbour project will also be visually presented at the exhibition space.

## Textures and Tastes - The Future of Science & Technology Studies

#### **Annemarie Mol**

#### Introduction

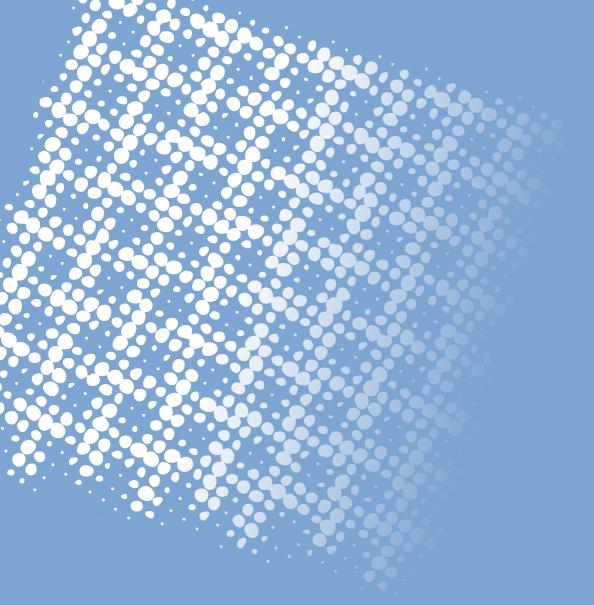
Henriette Langstrup, University of Copenhagen

5:00-6:00 pm Room: BGs01

New Nordic food. A clever invention it is, that links up vital needs with markets and health with household labour, while moving cuisine across the globe. An excellent case for a talk about the issues that present day Science & Technology Studies would do well to address. Such as: where are we with questions about the ways in which 'science' helps to govern

#### THEMATIC OPENING TALKS

society — now that the sciences are being paid to assure profits for local industries? What about the various technologies that subjects (of knowledge, of the state) are encouraged to mobilise, so as to save, if not the world, then at least their own bodies? How to put to work notions such as 'multiplicity' and 'becoming' in contentious, inescapable, global arenas? And where to go, amidst all this turbulence, with the study of mundane cases — such as that of food and its textures, and eaters and their tastes, not in general, of course, but in specific, situated practices?



## Scientific Program

Thursday 18 October

#### 006. Edibles and edibility in STS - I

9:00 to 10:30 am Solbjerg Plads: D.2.20

**Chairs:** Sebastian Abrahamsson, Department of Sociology and Anthropology, University of Amsterdam; Anders Kristian Munk, Section for Innovation and Sustainability, the Technical University of Denmark

#### **Participants:**

Designing's of the New Nordic Diet: Exploring displacements of the New Nordic Diet within the OPUS Research Center in Denmark. Arun Micheelsen, OPUS Center, Copenhagen University, Faculty of Science, Institute of Food and Resource Economics, Denmark.

Making Nutrients Edible: The Design of Insects and Taste in the Face of Global Hunger. Emily Yates-Doerr, Department of Sociology and Anthropology, University of Amsterdam

Edible North: Metabolizing the Scandinavian issuescape through turnips and terroirs. Anders Kristian Munk, Section for Innovation and Sustainability, the Technical University of Denmark

**Discerning Drinkabilities: Elaboration and Translation in Australian Wine Production".** Jeremy Brice, School of Geography and the Environment, Oxford University

Discussant: Rebeca Ibanez-Martin, Philosophy Institute, CSIC, Madrid

## 007. E-f(r)iction: Technological and social innovation in the public sector

9:00 to 10:30 am Solbjerg Plads: D4 Aug

#### **Participants:**

The Role of Network Innovation Intermediaries in health-enabling Technologies. Catherine Agamis, Capgemini Consulting; Dimitris Assimakopoulos, Grenoble Ecole de Management, LINC Lab

#### SCIENTIFIC PROGRAM

Modelling Renewable Energy Innovation Policies. Bei Gao, University College Dublin; Petra Ahrweiler, University College Dublin

A Platform for assessing social Awareness. Harold Paredes-Frigolett, Diego Portales University, Santiago de Chile

#### 008. Biomedicine at local/global nexuses

9:00 to 10:30 am Kilen: K143

Chair: Anne Pollock, Georgia Tech

#### **Participants:**

How does it matter who makes pharmaceutical knowledge and where?: Postcolonial contexts and global networks of South African drug discovery. Anne Pollock, Georgia Tech

Enacting 'combination prevention': how prehensions matter in approaches to HIV/AIDS. Kane Race, University of Sydney

HIV probes: some loose thoughts on releasing the biomedical grip on prevention possibilities in HIV. Marsha Rosengarten, Goldsmiths, University of London

**Banking vitality – reproduction and the sperm crisis in China.** Ayo Wahlberg, University of Copenhagen

## 009. (25) To cross a widening gulf: new patterns and practices of science for sustainability - I

9:00 to 10:30 am

Kilen: K146

**Chairs:** Edward Hackett, Arizona State University; Stephen Zehr, University of Southern Indiana; Wesley Shrum, Louisiana State University

#### **Participants:**

Leveraging Local Knowledge for Climate Adaptation. Sharon Harlan, Arizona State University; Tommy Bleasdale, Arizona State

University; Juan Declet-Barreto, Arizona State University; Tiffany Halperin, Arizona State University; Katelyn Parady, Arizona State University

Constructing trampolines – unpicking locks? Spaces for design activism in community energy in the UK. Sabine Hielscher, University of Sussex; Adrian Smith, University of Sussex

Sustainable realities. Maria Eidenskog, Linköpings University

**'Futuring' in transdisciplinary sustainability research in Austria.** Thomas Voelker, University of Vienna

Cultural Discourse: Policy Stories on Adapting to Climate Change in Tonle Sap Lake of Cambodia. Vikrom Mathur, Stockholm Environment Institute

## 010. Domestic devices: Homes, dwellings and politics indoors - I

9:00 to 10:30 am Kilen: K150

Chair: Joe Deville, Goldsmiths, University of London

#### **Participants:**

**Experimental huts: Hosts, traps and domestic camouflage.** Ann Kelly, London School of Hygiene and Tropical Medicine

Giving shelter or 'helping people help themselves': Standardized emergency tents, shelter kits and participation in humanitarian relief. Aurora Fredriksen, Columbia University

Health promotion, housekeeping, and 'home inspections' in rural Malawi. Anna West, Stanford University

Discussant: Noortje S Marres, Goldsmiths, University of London

#### SCIENTIFIC PROGRAM

## 011. (37) Design and displacement in energy system transitions: pasts, futures and presents - I

9:00 to 10:30 am Kilen: Ks43

Chair: Nick Pidgeon, Cardiff University

#### **Participants:**

The 'everyman' of zero carbon housing: codified materiality and the imagined practices of future dwelling. Gordon Walker, Lancaster University; Ralf Brand, The University of Manchester; Andrew Karvonen, University of Manchester; Simon Guy, Manchester University

Shared and contested elements in Danish climate plans and their roles in contemporary climate initiatives. Michael Soegaard Joergensen, Department of Management Engineering, Technical University of Denmark

Designing Futures? The role of scenarios in energy system change. Catherine Butler, Cardiff University; Nick Pidgeon, Cardiff University; Karen Parkhill, Cardiff University

Meeting a Grand Challenge? Design and Displacement in Germany's Envisioned Energy System Transition. Daniel Barben, RWTH Aachen University

Constructing a Clean Energy Future for British Columbia, Canada. Nichole Dusyk, University of British Columbia

## o12. Indigenous and feminist approaches to technoscience: Decolonizing landscapes, waterscapes, and labscapes

9:00 to 10:30 am Kilen: Ks48

Chair: Kimberly TallBear, University of California, Berkeley

#### **Participants:**

Techno fantasies of a Sámi cyborg: re-claiming Sámi body-, land- and waterscapes after a century of colonial exploitations in Sápmi. May-Britt Ohman, Centre for Gender Research Uppsala University

Challenging colonial design of landscapes: Norwegian nation state ideals versus Sámi understandings. Åsa Virdi Kroik, Department of Theology, History of Religions and The Social Sciences of Religion, Uppsala University

Designing dam safeties: decolonizing perspectives on large scale hydropower. Annika Idenfors, Department of Political Studies, Umeå University; Camilla Sandström, Department of Political Studies, Umeå University; May-Britt Ohman, Centre for Gender Research Uppsala University

Constituting knowledge across cultures of expertise and tradition: indigenous bio-scientists in the U.S. and Canada. Kimberly TallBear, University of California, Berkeley

Discussant: Charis Thompson, Gender & Women's Studies

## 013. (19) Entanglement, affect and transformation in, and with, life - I

9:00 to 10:30 am Kilen: Ks54

**Chairs:** Rebecca Ellis, Lancaster University; Claire Waterton, Centre for the Study of Environmental Change (CSEC), Department of Sociology, Lancaster University

#### **Participants:**

The Affects of Material Agency: Subjectivity, Ethico-Aesthetics and Ontological Blurring through a Living Machine. Christopher Salter, Concordia University; Oron Catts, SymbioticA, The university of Western Australia; Ionat Zurr, SymbioticA, University of Western Australia

#### SCIENTIFIC PROGRAM

Thinking, feeling and hesitating with blue-green algae. Claire Waterton, Centre for the Study of Environmental Change (CSEC), Department of Sociology, Lancaster University

Field experiments: Reordering fieldwork relations in behavioural ecology and social anthropology. Matei Candea, Anthropology, Durham University, UK

Bio-Logics: Life, Agency and Technology in a Swazi Sawmill and a UK Health Research Project. Vito Laterza, Centre for Health and Clinical Research - Bristol UWE; Bob Forrester, Swaziland National Trust Commission

Dangerous species: tangled nature-cultures in the plastisphere. Kim De Wolff, University of California, San Diego

## 014. (75+76) Design values - the materialization of building design/Digital models in technology and construction - I

9:00 to 10:30 am Kilen: Ground floor - Ks71

**Chairs:** Jennifer Whyte, University of Reading; Reijo Miettinen, University of Helsinki

#### **Participants:**

Combined uses of building information models in building design. Sami Paavola, CRADLE, University of Helsinki; Hannele Kerosuo, University of Helsinki, CRADLE

Asynchronous memory: The usage of memory by diverse practitioners over time. Carmel Lindkvist, University of Reading; Jennifer Whyte, University of Reading

Digital modeling and shaping of design practices. Satu Reijonen, Copenhagen Business School

Digital Materiality and Design Collaboration. Laura Forlano, Illinois Institute of Technology; Ingrid Erickson, Rutgers University

## 015. (68) Civil society organisations in research governance - I

9:00 to 10:30 am Solbjerg Plads: SP112

Chair: Bernd Carsten Stahl, De Montfort University

#### **Participants:**

**Evaluation of CSO Involvement in Research Governance.** Bernd Carsten Stahl, De Montfort University

Legitimacy and success of civil society organizations' participation in research governance. Lessons from biomedicine and nanotechnology. Peter Wehling, University of Augsburg

The formation of knowledge-based civil society organisations: Cases in Vietnam. Quy-Hanh Nguyen, Center for Development Research (ZEF), University of Bonn, Germany; Ngoc-Khanh-Van Nguyen, Foreign Relations Service Centre, Thua Thien Hue Department of Foreign Affairs, Vietnam

## 016. Postphenomenological research: Conceptualizing human-technology relations

9:00 to 10:30 am Solbjerg Plads: SP113

Chair: Don Ihde, Stony Brook University

#### **Participants:**

Robotic Embodiment. Kirk Besmer, Gonzaga University

Technology and the subject: on the technical constitution of the subject in post-phenomenology. Mithun Bantwal Rao, Wageningen University; Pieter Lemmens, Wageningen University

Making Humanness with Technology – Dialoguing with Postphenomenology. Lucie Dalibert, University of Twente

#### SCIENTIFIC PROGRAM

Postphenomenology and brain technologies: from posthumanism to metahumanism. Peter-Paul Verbeek, University of Twente

## 017. (87) Ignorance by design. Rethinking knowledge, anti-knowledge and the unknown in STS - I

9:00 to 10:30 am Solbjerg Plads: SP114

Chairs: Matthias Gross, Helmholtz Centre for Environmental Research - UFZ; Linsey McGoey, University of Essex

#### **Participants:**

Important and Unimportant Ignorance and Environmental Decision Making. Alena Bleicher, Helmholtz Centre for Environmental Research – UFZ, Leipzig

Co-producing ignorance: The scientific frontier in public and practice. Marija Uzunova. Maastricht University

The co-production of uncertainty in evidence-based guidelines. Esther van Loon, Erasmus University Rotterdam

(Un)Successul Sound Design: A Chinese Experimental Musician's Practice. Basile Zimmermann, University of Geneva

### o18. (01) Clinical research in post-genomic medicine - I

g:00 to 10:30 am Solbjerg Plads: SP207

**Chairs:** Alberto Cambrosio, McGill University; Peter Keating, University of Quebec, Montreal

#### **Participants:**

Valuations of Experimental Designs in Proteomic Biomarker Experiments and Traditional RCTs. Francis Lee, Linköping University; Claes-Fredrik Helgesson, Linköping University

BRCAness: Redefining BRCA genes in the era of postgenomic medicine. Pascale Bourret, Aix-Marseille Université; Alberto Cambrosio, McGill University

**Blending Genetics and Oncology.** William H McKellin, Dept. of Anthropology, University of British Columbia

Post-genomic cancer research: trajectories of convergence and innovation. Alessandro Blasimme, UMR1027 INSERM-Université de Toulouse, Paul Sabatier, equipe 4; Anne Cambon-Thomsen, UMR U 1027, Inserm, Université de Toulouse 3 - Paul Sabatier Epidémiologie et analyses en santé publique

From Clinical to Bioclinical Work in Cancer Clinical Research. Nicole Nelson, McGill University; Peter Keating, University of Quebec, Montreal

#### 019. (10) Care and its dis/placing moves - I

9:00 to 10:30 am

Solbjerg Plads: SP208

**Chairs:** Peter Lutz, IT University of Copenhagen; Sarah Pinto, Tufts University

#### **Participants:**

Informationalizing healthcare: Knowledge production in a mobile health project in rural India. Brittany Fiore-Silfvast, University of Washington

Moving Health Records from Paper to Computers: Rhetoric, Practices and Paradoxes. Karin Garrety, Wollongong University; Ian McLoughlin, Department of management, Monash University, Victoria, Australia; Robert Wilson, University of Newcastle-Upon-Tyne

The Book as a Medical Technology: Bibliotherapy and the Medicalization of Reading in United States Hospitals, 1930-1940. Monique Dufour, Virginia Tech

#### SCIENTIFIC PROGRAM

Traveling Care: Reworking Arrangements through an HIV/AIDS Program in South Africa. Abigail Baim-Lance, Roosevelt Academy Honors College, Utrecht University

Placement and Displacement in Pergamon's Asklepieion. Ece Okay, University of California Los Angeles

## 020. (77) Urban assemblages and cosmopolitics: contributions for an ongoing debate - I

g:00 to 10:30 am Solbjerg Plads: SP210

**Chairs:** Ignacio Farias, Social Science Research Center Berlin; Anders Blok, Copenhagen University

#### **Participants:**

Worlding cities through their climate projects? On eco-housing assemblages, cosmopolitics and comparisons. Anders Blok, Copenhagen University

Waste(d) connections? Global cities and the multiscalar politics of garbage. Michele Acuto, Institute for Science, Innovation and Society, University of Oxford

The moose are protesting: conceptualizing urban politics beyond the human/non-human divide. Jonathan Metzger, KTH Royal Institute of Technology

Re-storying Nature - rethinking approaches to Urban Nature in Cape Town South Africa. Tania Hanni Isobel Katzschner, University of Cape Town

Following engineers and architects through slums: history, policies, urban poor populations and the technoscience of slum intervention in the Portuguese-speaking landscape. Antonio Eduardo Ascensão, King's College London and Centro de Estudos Geográficos, University of Lisbon

#### 021. (69) Changing research landscapes - I

9:00 to 10:30 am Solbjerg Plads: SP212

Chair: Seppo Poutanen, University of Turku

#### **Participants:**

On the journey towards Mode 2: the case of agricultural science in Brazil. Patricia Rocha Bello Bertin, Loughborough University; Jenny Fry, Loughborough University; Gillian Ragsdell, Loughborough University

The Perfect Match? - Academic Capitalism and the Rise of a Highly Concentrated Biotechnological Seed Sector. Barbara Maria Brandl, University of Munich (LMU), Department of Sociology Coordinating university research; Laurens Hessels, Rathenau Instituut

The changing governance of Portuguese universities: opening up or narrowing down? Tiago Santos Pereira, University of Coimbra

### 022. (81) Expectations and innovative technologies - I

9:00 to 10:30 am Solbjerg Plads: SP213

Chair: Alan Robert Petersen, Monash University

#### **Participants:**

A Colonization of Imagination: Future-setting Strategies for Information Infrastructures. Gordon Haywood, University of Edinburgh Business School

**Expectations, Experimentation and Transnationality.** Sébastien Dalgalarrondo, CNRS/EHESS; Boris Hauray, National Institute for Health and Medical Research/IRIS

When expectations meet: tensions by aiming for social relevance. Meggie Pijnappel, Radboud University Nijmegen/ ISIS

#### SCIENTIFIC PROGRAM

Enviropig™ a greener food for the future? Ambivalence and entrapment in the public perception of transgenic modification of pigs. Mara Miele, Cardiff University; Karolina Rucinska, Cardiff University

#### 023. (60) Crime, technology, and policing - I

9:00 to 10:30 am Solbjerg Plads: SP214

Chair: Peter Lauritsen, Aarhus University

#### **Participants:**

Criminals at risk? Prisoners' perceptions of police biosurveillance and investigation practices. Helena Machado, University of Minho; Susana Silva, University of Porto, Portugal

**Displacements at the street corner.** Vlad Niculescu-Dinca, Zuyd University

Negotiating ambiguity: Notions of competence in Crime Scene Investigation. David Wyatt, University of Exeter

Oleoresin Capsicum Aerosol and Technical Distance. Matthew Greaves, Applied Communication and Technology Laboratory, Simon Fraser University

The Dangers of Privacy in Times of Smart CCTV. Heiner Koch, IZEW Tübingen

## 024. (66) On states, stateness and STS: government(ality) with a small "g"? - I

9:00 to 10:30 am Solbjerg Plads: SP216

Chair: Jan-Hendrik Passoth, Bielefeld University

#### **Participants:**

Designing the Sustainable State: the Small (g) overnance of China's Big "Ecological Civilization." Erich W Schienke, Penn State

Locating the state? Infrastructure, scale and the technologies of governing, a Colombian case. Kathryn Furlong, Université de Montréal

Acting from a distance: States, scales, spatiality and STS. Govind Gopakumar, Concordia University

**Territorializing, Calculating and Governing.** Peter Miller, London School of Economics and Political Science

"Towards a Common Future": On How a Diplomatic Training Programme Socialises States into the International Society. Tobias Wille, Goethe University Frankfurt

#### 025. (103) Ethics and technoscience governance - I

9:00 to 10:30 am Solbjerg Plads: SPs03

**Chairs:** Luigi Pellizzoni, University of Trieste, Italy; Marja Ylönen, University of Jyväskylä

#### **Participants:**

Interdisciplinary research in practical ethics: challenges at the interface with social sciences. Gaia Barazzetti, University of Lausanne; Lazare Benaroyo, University of Lausanne

Ethics and Participatory Technology Assessment - A Reflective Ethical Mapping Approach. Matthew David Cotton, University of Leeds

The impact of the new emerging technologies on the changing role of the ethical advisory boards. Franc Mali, University of Ljubljana (Faculty of Social Sciences)

Politics of ethics, counterfactual nature. Some problems of the recent debate on techno-science and (post-)humanity. Luigi Pellizzoni, University of Trieste, Italy

#### SCIENTIFIC PROGRAM

#### 026. (93) Neuroscience as a science of the social? - I

9:00 to 10:30 am Solbjerg Plads: SPs05

Chairs: Svenja Matusall, ETH Zurich; Johannes Bruder, eikones NCCR Iconic Criticism

#### **Participants:**

The social in neuroscience: Plastic research and connected researchers. Johannes Bruder, eikones NCCR Iconic Criticism

Imaging the Social in the Brain – Pure Voodoo? Svenja Matusall, ETH Zurich

**Agency, in the brain, the lab and the field.** Christian Kordt Højbjerg, Institute of Culture and Society, Aarhus University, Denmark; Andreas Roepstorff, Institute of Culture and Society, Aarhus University, Denmark

Narratives of Foundation: Constructing neuroscience as a "firmer basis" for human sociality. Maurizio Meloni, University of Nottingham

## 027. Design, STS and cosmopolitics: From intervention to emergence in participation and sustainability - I

9:00 to 10:30 am Solbjerg Plads: SPs07

Chairs: Alex Wilkie, Goldsmiths, University of London; Mike Michael, Goldsmiths, University of London, University of Sydney; Tobie Kerridge, Goldsmiths, University of London; William Gaver, Goldsmiths, University of London; Carl DiSalvo, Georgia Institute of Technology; Jennifer Gabrys, Goldsmiths, University of London

#### Participants:

Assemblages of Interdisciplinarity: Design, STS and Sustainable Participation. Mike Michael, Goldsmiths, University of London, University of Sydney

From Deficit To Entanglement: Re-Scripting 'Smart' Monitors and Energy Users. Tobie Kerridge, Goldsmiths, University of London; Liliana Ovalle, Goldsmiths, University of London

Cosmos and taxis in the architectural design thought in Japan. Masato Fukushima, The University of Tokyo

What a Palaver: Design and STS 'in the Presence' of Energy Communities. Alex Wilkie, Goldsmiths, University of London

# 028. (32) Environmental infrastructures: STS's anthropology of nature-cultures - I: Monitoring Tech

9:00 to 10:30 am Solbjerg Plads: SPs08

**Chairs:** Atsuro Morita, Osaka University; Casper Bruun Jensen, IT University of Copenhagen; Anders Blok, Copenhagen University; Brit Ross Winthereik, IT University of Copenhagen

#### **Participants:**

New environmental policy, new infrastructures & new actor relations: Case of a global forest initiative (REDD-plus) to tackle climate change. Moeko Saito-Jensen, Forest & Landscape, University of Copenhagen

Deforestation, climate change and remote sensing technology in Brazil. Marko Alves Monteiro, State University of Campinas

Natures inhabiting energy consumption. Lea Schick, IT University

Civic Environmental Infrastructures of Emergency: Ad-hoc Networking among Radiation-monitoring Posts during the Fukushima Disaster. Shuhei Kimura, Fuji Tokoha University

Topology of Environment: Phenomenological Insight into Making Black-Box. Sho Morishita, Japan Society for the Promotion of Science

#### SCIENTIFIC PROGRAM

# 029. (42) Technologically domesticated: identity & the Internet Online & IRL

9:00 to 10:30 am Solbjerg Plads: SPs12

**Chair:** Kristen Karlberg, Purchase College, State University of New York **Participants:** 

**Online identity and communication as narrative practice.** Anne-Mette Albrechtslund, Aalborg University

Mobile communication as permanent presentation of self. Steffen Eisentraut, Bergische Universität Wuppertal

"#IGoToASchool Where Life Revolves Around Twitter": Teens, Twitter, and Public Participation. Alice Marwick, Microsoft Research; danah m boyd, Microsoft Research

**The Technologies Made Me Do It? Cyber-and IRL Infidelities.** Kristen Karlberg, Purchase College, State University of New York

Considering Users' Located Accountabilities in Sexual-Social Media: Grindr and Use Incongruency. Bryce Renninger, Rutgers University

# 030. Legitimizing ESS I: the birth and death of large-scale facilities

9:00 to 10:30 am Solbjerg Plads: SPs13

**Chair:** Tomas Hellström, Department of Business Administration, Lund University

#### **Participants:**

European Neutrons from Parasitic Research to Global Strategy: Plans for a transnational research facility in the wake of the cold war. Thomas Kaiserfeld, Lund University

Designing for the future: making instruments for European Spallation Source. Kerstin Sandell, Dept of Gender Studies, Lund University

**Epistemic Migrations: Joint Conditions in the Humanities and the Techno Sciences.** Victoria Höög, Dept of Philosophy, Lund University

The momentum of maturity: shutting down large-scale facilities. Gustav Holmberg, Research Policy Institute, Lund University, Sweden

Discussant: Sharon Traweek, UCLA

## 031. (54) Disasters - redesigning collective orders - I

9:00 to 10:30 am Solbjerg Plads: SPs14

Chairs: Zuzana Hrdlickova, Goldsmiths, University of London; Manuel Tironi, Pontificia Unversidad Catolica de Chile Israel; Rodríguez-Giralt, Universitat Oberta de Catalunya

#### **Participants:**

Science, Risk Communication, and Manslaughter: the 2009 L'Aquila earthquake. Andrew Stroffolino, Rutgers University

Indian Disaster Management Bodies: Changing Conceptualization of Civilians and Expertise. Zuzana Hrdlickova, Goldsmiths, University of London

Preparing for disaster yet to come: natural resource development and the politics of anticipation. Gisa Weszkalnys, London School of Economics

On Operational Risk. Ryan Hagen, Columbia University, GSAS, Sociology

# 032. (72) (Re)designing public engagement: innovation in practice and analysis - I

9:00 to 10:30 am Solbjerg Plads: SPs16

Chair: Sarah Davies, Arizona State University

**Participants:** 

#### SCIENTIFIC PROGRAM

A pragmatist perspective on the politicisation of science and technology. Alain Bovet, Manchester Institute of Innovation Research

A Review of UK Beacons for Public Engagement Projects on the theme of Environmental Sustainability. Audley Genus, Kingston University

Designing engagements: public experiments and exhibition in practice. Laurie Waller, Goldsmiths College, University of London

Designed dialogue?- Expert-youth interaction in a climate change discussion event. Sampsa Ville Aleksanteri Saikkonen, University of Helsinki (Palmenia Centre for Continuing Education)

**Stuff and nonsense: Public engagement as material practice.** Sarah Davies, Arizona State University

### 033. Edibles and edibility in STS - II

11:00 to 12:30 pm Solbjerg Plads: D.2.20

**Chair:** Sebastian Abrahamsson, Department of Sociology and Anthropology, University of Amsterdam

#### **Participants:**

Ingestion of edibles as public experimentation and demonstration: notes on von Pettenkorf and Clara Aguilera. Christian Abrahamsson, Department of Geography, Lund University; Sebastian Abrahamsson, Department of Sociology and Anthropology, University of Amsterdam

Constructing edibility: silenced materials and ethics of organic wines. Anna Krzywoszynska, Geography, University of Sheffield

**Perspectives on food, refrigeration and sustainability.** Stephen Derrick, Monash University

Something from Nothing: Ontologizing zero through technologies of food and the body. Jessica Mudry, Concordia University

**Discussant:** Filippo Bertoni, Universiteit van Amsterdam

# 034. Changing forms of expert advice and knowledge exchange in marine governance

11:00 to 12:30 pm Solbjerg Plads: D4 Aug

**Chairs:** Sebastian Linke, University of Gothenburg; Petter Holm, University of Tromsø

### **Participants:**

Expertise and knowledge production for mandated science: the case of the Norwegian Reference Fleet. Maiken Bjørkan, University of Tromsø

Results Based Management: a useful instrument for reconfiguring knowledge and power networks? Petter Holm, University of Tromsø; Kåre Nolde Nielsen, University of Tromsø

Defining sandbanks on the Dogger Bank: Producing scientific justification for different publics. Ditte Degnbol, IFM, Copenhagen Institute of Technology, Aalborg University

Social dimensions of expertise: Challenges of knowledge communication and stakeholder participation in EU fisheries management. Sebastian Linke, University of Gothenburg

Managing knowledge across boundaries. Kari Stange, University of Wageningen; Jan van Tatenhove, University of Wageningen

# 035. (91) Mutual exchanges of concepts and practices

11:00 to 12:30 pm Kilen: K143

Chairs: Milena D. Bister, Institute for European Ethnology, Humboldt-Universität zu Berlin; Emily Kuria, Humboldt-Universität Zu Berlin

#### **Participants:**

Accountability practices: On knowing and acting in healthcare. Sonja Jerak-Zuiderent, Erasmus University

#### SCIENTIFIC PROGRAM

Landscapes in pictures, vegetations in words: ambiguous interactions between geography and ecology. Chunglin Kwa, University of Amsterdam

Enacting the "chronically ill": a study of classification practices in psychiatry. Milena D. Bister, Institute for European Ethnology, Humboldt-Universität zu Berlin

The Role of Time in Weight-Loss and Dieting Practices. Kay Felder, University of Vienna

Health as Learning? Health Literacies Revisited. Joao Arriscado Nunes, CES University of Coimbra; Claudia Vieira de Souza, Institute for Clinical Research Evandro Chagas (IPEC), Fiocruz; Michele Meirelles, Institute for Clinical Research Evandro Chagas (IPEC), Fiocruz; Eloisa Hora, Institute for Clinical Research Evandro Chagas (IPEC), Fiocruz; Odilio Lino, Institute for Clinical Research Evandro Chagas (IPEC), Fiocruz

Discussant: Vicky Singleton, Lancaster University

# 036. (25) To cross a widening gulf: new patterns and practices of science for sustainability - II

11:00 to 12:30 pm Kilen: K146

**Chairs:** Edward Hackett, Arizona State University; Stephen Zehr, University of Southern Indiana; Wesley Shrum, Louisiana State University

#### **Participants:**

The art of translating environmental knowledge: lessons learned from a Finnish home economics NGO. Maria Akerman, University of Tampere

**Bridging the Gulf: New Practices in Environmental Policy Studies.**Sharon D. Moran, SUNY - Environemental Science and Forestry

Meat consumption trends and discourses: Learning from the past. Minna Kanerva, The Research Center for Sustainability Studies (artec) - University of Bremen

Making a better coffee: The sustainability through the co-production between traditional and scientific knowledge. Derly Yohanna Sánchez Vargas, Universidad Nacional de Colombia

Towards Sustainable Sanitation? Ragna Zeiss, Maastricht University

# 037. Domestic devices: Homes, dwellings and politics indoors - II

11:00 to 12:30 pm Kilen: K150

Chair: Ann Kelly, London School of Hygiene and Tropical Medicine

#### **Participants:**

Designing the 'man at the door'. Liz McFall, Open University

**Debt collection: Soliciting domestic economic participation.** Joe Deville, Goldsmiths, University of London

A certain convocation of politic worms: Assembling domestic vermiculture and the ecological collective. James Wilcox, Rensselaer Polytechnic Institute

**DIY Innovation and the Spirit of Homebrewing.** Dave Conz, Arizona State University

Discussant: Noortje S Marres, Goldsmiths, University of London

# o38. (37) Design and displacement in energy system transitions: pasts, futures and presents - II

11:00 to 12:30 pm Kilen: Ks43

Chair: Nick Pidgeon, Cardiff University

#### **Participants:**

**Energy, Expectations, and Expertise: the case of Wave Hub.** Marfuga Iskandarova, University of Exeter; Elena Simakova, Exeter University Business School

#### SCIENTIFIC PROGRAM

Solar Energy: Disconcertments of Different Presents and Futures? Heidrun Åm, Centre for Science and Technology Studies, Norwegian University of Science and Technology (NTNU)

Visions of a Sustainable Energy System for the Mediterranean Region. Sharlissa Moore, Arizona State University

Mass production of solar energy: public images of a scientific and technological object. Ana Delicado, Institute of Social Sciences Univ Lisbon; Monica Truninger, Institute of Social Sciences, University of Lisbon

No NIMBY or: How I learned to stop worrying and love the windmill. Henrik Karlstrøm, Norwegian University of Science and Technology

# 039. Critical displacements: brain, feminism and politics + Feminist engagements with brain research designs

11:00 to 12:30 pm Kilen: Ks48

Chairs: Isabelle Dussauge, Center for Gender Research, Uppsala University; Cynthia Kraus, Institute of Social Sciences & University institute for the history of medicine and public health, University of Lausanne

### **Participants:**

Estrogen Receptors in the Brain: A Case for Situational Neuroendocrinology. Deboleena Roy, Department of Women's, Gender, and Sexuality Studies and Neuroscience and Behavioral Biology, Emory University

Visualizing Life/Death: Feminist materialism, Alzheimer's disease and the lab. Tara Mehrabi, Tema Genus, Linköping University

Gendered Neuroeconomics: Deciding rational and emotional with socio-political implications. Sigrid Schmitz, University of Vienna, Fac. of Social Sciences

Sex and the neuro-: The lost and found gender of neuroscience. Isabelle Dussauge, Center for Gender Research, Uppsala University

**Discussant:** Deboleena Roy, Department of Women's, Gender, and Sexuality Studies and Neuroscience and Behavioral Biology, Emory University

## 040. (19) Life's temporal and material frontiers - II

Kilen: Ks54

**Chairs:** Rebecca Ellis, Lancaster University; Claire Waterton, Centre for the Study of Environmental Change (CSEC), Department of Sociology, Lancaster University

#### **Participants:**

Out of the Blue? Lives as a productive force and the timing and tweaking of underwater limits. Kristin Asdal, Centre for technology, innovation and culture (TIK), University of Oslo

Making Natural Capital: Biodiversity Research and Biosecurity Practices in Mexico. Emily Mannix Wanderer, Massachusetts Institute of Technology

(Re)Ordering Ordered Life: The Enactment of Botanical Garden Socio-Natures. Katja Grotzner Neves, Concordia University

Frog Tales. Poison Frogs, Natural Product Research and the Regulation of Biodiversity. Klaus Angerer, Humboldt Universität zu Berlin

# 041. (75+76) Design values - the materialization of building design/Digital models in technology and construction - II

11:00 to 12:30 pm Kilen: Ground floor - Ks71

Chairs: Satu Reijonen, Copenhagen Business School; Kjell Tryggestad, Copenhagen Business School

**Participants:** 

#### SCIENTIFIC PROGRAM

Electric vehicle design: Displacement and discovery in the digital-material boundary zone. Laura Noren, New York University

2000 Watt Society: Constructing sustainable design values in Switzerland. Srikrishna Bharathi, 1) NTNU, Department of Interdisciplinary Studies of Culture (KULT) 2) The Research Centre on Zero Emission Buildings (ZEB) 3) Erasmus Exchange 2012 - ETH Zurich, Natural and Social Science Interface (NSSI)

**Design and innovation mangement.** Rebecca Pinheiro Croisel, Mines ParisTech

Turning houses of culture into an urban assemblage of heterogeneous actors using RFID technology. Valinka Suenson, Aalborg University

A New Machine to Make Land Pay: Designing the Steel Skeleton Skyscraper. Maude Pugliese, University of Chicago

# 042. (68) Civil society organisations in research governance - II

11:00 to 12:30 pm Solbjerg Plads: SP112

Chair: Bernd Carsten Stahl, De Montfort University

#### **Participants:**

The NanoCap Project: NGO Participation in the EU nano debate.

Anna Lamprou, RPI

**Civil Society Organization and Scientific Misconduct.** Lian Xinyan, Beijing, China Norms and Values in Technology Research. Stephen Rainey, FUNDP, Namur

**Norms and Values in Technology Research.** Stephen Rainey, FUNDP, Namur

# 043. Postphenomenological research: empirical perspectives

11:00 to 12:30 pm Solbjerg Plads: SP113

Chair: Don Ihde, Stony Brook University

### **Participants:**

A Multi-Stable Analysis of Data Mining technology. Stacey Irwin, Millersville University

**Empirical shortcomings of postphenomenology?** Jan Kyrre Berg Olsen Friis, Stony Brook University

Technoscience and Biology – towards an observer-centered phenomenology of life. Michael Funk, TU Dresden

Becoming Mobile: The Co-construction of Cellphones and their Users. Galit Wellner, Bar Ilan University

A Century on Speed: Postphenomenological Reflections on Vision and Movement in the 20th Century. Soren Riis, Roskilde University

# 044. (87) Ignorance by design. Rethinking knowledge, anti-knowledge and the unknown in STS - II

11:00 to 12:30 pm Solbjerg Plads: SP114

Chairs: Matthias Gross, Helmholtz Centre for Environmental Research - UFZ; Linsey McGoey, University of Essex

#### **Participants:**

Overcoming silent evidence: the case of pandemic influenza risk assessment. Erika Mansnerus, London School of Economics

Revealing by Concealing: How Obscured Expertise Accounts for Itself. Brian R Rappert, University of Exeter

**Researching the Unknown Future**. Sascha Dickel, Institute for Science and Technology Studies, University Bielefeld

Influence of precaution on the treatment of uncertainties and knowledge in food risk assessments. Eve Feinblat-Meleze, Institut National de la Recherche Agronomique (INRA)

#### SCIENTIFIC PROGRAM

Performing the (unknown) home of ubiquitous computing. Charalampia Kerasidou, Lancaster University

# 045. Exchange and ownership in human and animal bodies

11:00 to 12:30 pm Solbjerg Plads: SP205

**Chair:** Amy Hinterberger, Institute for Science, Innovation and Society, University of Oxford

### **Participants:**

Ferreting things out: Designing pandemic flu in animal models. Natalie Hannah Porter, Institute for Science, Innovation and Society, University of Oxford

Materials of consequence: Constituting the human and the animal in life sciences regulation. Amy Hinterberger, Institute for Science, Innovation and Society, University of Oxford

Cocoon, Commodified: A hybrid's entangled history of silk and science. Lisa Onaga, Cornell University

The Moral Economy of Danish Research Apes, Placement, Displacement, Replacement. Lene Koch, University of Copenhagen; Mette N Svendsen, University of Copenhagen

**How Do We Remember Animals Sent into Outer-Space?** Jordan Bimm, York University

**Discussant:** Carrie Friese, London School of Economics and Political Science

# 046. (01) Clinical research in post-genomic medicine - II

11:00 to 12:30 pm Solbjerg Plads: SP207

**Chairs:** Alberto Cambrosio, McGill University; Peter Keating, University of Ouebec, Montreal

### **Participants:**

Designs for evidence: public and private faces of cardiac surgery research. Catherine M Will, University of Sussex; Piera Morlacchi, University of Sussex

The Politics of Evidence and Experimentality in Clinical Research Trials: The Case of Fetal Cell Transplants in the Post Genomic Era. Paul Just, University of Vienna, Dpt. of Political Science/Life Science Governance (LSG)

Research Platform Reconfiguring early phase trials in postgenomic oncology. A comparative US-France ethnography. Sylvain Besle, Paris IV-Sorbonne; Nina Kohli-Laven, McGill University

'A Hammer-and-Nail Problem': Negotiating Clinical Utility in Postgenomic American Medicine. Andrew Staver Hoffman, McGill University

Molecular monopolies: the corporatisation of cervical cancer screening innovation. Stuart Hogarth, King's College London

### 047. (10) Care and its dis/placing moves - II

11:00 to 12:30 pm Solbjerg Plads: SP208

**Chairs:** Peter Lutz, IT University of Copenhagen; Sarah Pinto, Tufts University

### **Participants:**

Placing Normality and Displacing Madness: Seeing Dementia Care in India. Bianca Brijnath. Monash University

**Choreas and Choreographies of Care for Hysteria in India.** Sarah Pinto, Tufts University

**Becoming with Care Moves.** Peter Lutz, IT University of Copenhagen

**Birthing Bodies in the Presence of Technology.** Zehorith Mitz, STS graduate Program Bar Ilan University Israel

#### SCIENTIEIC PROGRAM

# 048. (77) Urban assemblages and cosmopolitics: contributions for an ongoing debate - II

11:00 to 12:30 pm Solbjerg Plads: SP210

Chairs: Anders Blok, Copenhagen University; Ignacio Farias, Social Science Research Center Berlin

### **Participants:**

Engineering 'historical locations'. The atmospheric performance of ruined urban environments. Hanna Katharina Göbel, University of Konstanz

**Urban discourses of innovation: How cities cope with disaster.** Anique Hommels, Maastricht University

The Diplomacy of Urban Ecological Art: Negotiating Science and Politics. Mrill Ingram, University of Arizona

Re-Assembling Vancouver's Southeast and Zurich's North: Urban Identity and Sustainability in Industrial Area Conversions. Monika Maria Kurath, ETH Zurich, Department of Architecture

The Cosmopolitics of Fractional Objects: Buildings and the Urban Planning Code in Buenos Aires. Nicholas D'Avella, University of California, Davis

### 049. (69) Changing research landscapes - II

11:00 to 12:30 pm Solbjerg Plads: SP212

Chair: Anne Kristiina Kovalainen, Turku School of Economics

#### **Participants:**

**Conditions for scientific innovations.** Jochen Glaser, TU Berlin; Grit Laudel, University of Twente

Evaluation system interferences in the Third Mission in the Universities. A regional R&D systems case study. Celia Diaz-Catalan, Fundación Ideas; Irene Lopez-Navarro, CCHS-CSIC

"Getting on Board, Keeping on Board": Negotiating Article Manuscript Quality. Rebecca Lund, Aalto University School of Economics

Agri-biotechnology and development: Global science, technological promise and regulatory politics. Sally Brooks, Independent Researcher

# 050. (81) Expectations and innovative technologies - II

11:00 to 12:30 pm Solbjerg Plads: SP213

Chair: Alan Robert Petersen, Monash University

### **Participants:**

Self-organizing Mechanism about Systems of Technical Innovation. Sun Ye, Tsinghua University

**Expectations on prenatal screening- Fieldwork among Danish health professionals.** Barbara Ann Barrett, University of Copenhagen

Market expectations: neuromarketing and the promise of consumer insight. Tanja Schneider, University of Oxford; Steve Woolgar, University of Oxford

Anticipatory practices, epistemic objects and spatial contexts. Toni Ahlqvist, VTT Technical Research Centre of Finland

### 051. (60) Crime, technology, and policing - II

11:00 to 12:30 pm Solbjerg Plads: SP214

Chair: Peter Lauritsen, Aarhus University

#### **Participants:**

To swab or not to swab – policing and the negotiaton of forensic technologies. Corinna Kruse, Linköping University, Sweden

#### SCIENTIFIC PROGRAM

Writing the history of DNA in policing practices in Denmark. Ask Risom Bøge, Aarhus University; Peter Lauritsen, Aarhus University

The Manchester Riots: Emergent Policing Practices in Urban Space Securitisation. Elisa Pieri, University of Manchester

Can electricity can sooth the savage breast? What tasers do to police use of force. Cédric Moreau de Bellaing, Ecole Normale Supérieure - Paris

**Demythologizing the use of DNA in police investigations.** Johanne yttri dahl, NTNU and Norwegian Police University College; Heidi Mork Lomell, The Norwegian Police University College

# 052. (66) On states, stateness and STS: government(ality) with a small "g"? - II

11:00 to 12:30 pm Solbjerg Plads: SP216

Chair: Nicholas J Rowland, Pennsylvania State University

#### Participants:

The Tractor and the Plow: Commercial Agriculture and Ethiopian Statemaking since 2002. Sarah Stefanos, University of Wisconsin, Madison

Inside/outside again? Private security companies and the formation of 'modern' assemblages in Eastern Congo. Peer Schouten, School of Global Studies (University of Gothenburg)

**Port(al)s: How infrastructure flattens the world we live in.** Jan-Hendrik Passoth, Bielefeld University; Nicholas J Rowland, Pennsylvania State University

Governing the environment: Guidance documents and the 'making up' of environmental practitioners. Matthew Cashmore, Aalborg University; Tim Richardson, Aalborg University

Nature, Environment, and the Technoscientific Enviro-State. Patrick Carroll, University of California, Davis

### **053.** Honoring Mike Lynch

11:00 to 12:30 pm Solbjerg Plads: SPs01

Chair: Joan Fujimura, University of Wisconsin

#### **Participants:**

On Catalysis: Wrestling with Instigations and Provocations from Mike Lynch. Park Doing, Cornell

The Art (and Artifacts) of Mentorship: Student Advising and Extra-Ordinary Action. Janet Vertesi, Princeton University

To be determined later on. Ruth Margaret McNally, Anglia Ruskin University.

Mike Lynch: STS as (a long) vacation. Alan Irwin, Copenhagen Business School; Maja Horst, University of Copenhagen

**Discussants:** Lucy Suchman, Lancaster University; Sergio Sismondo, Queen's University

### 054. (103) Ethics and biomedicine - II

11:00 to 12:30 pm Solbjerg Plads: SPs03

**Chairs:** Luigi Pellizzoni, University of Trieste, Italy; Marja Ylönen, University of Jyväskylä

#### **Participants:**

Ethics expertise and democracy in political regulation of biomedicine. Maria Hedlund, Lund University

Looking for Ethics: the challenges and rewards of taking an STS approach to ethics. Catherine Heeney, Consejo Superior de Investigaciones Científicas; Michael Parker, Oxford University

Ethics as Designed and Displaced: landscaping the political culture of health controversies in Taiwan. Wen-Hua Kuo, National Yang-Ming University

#### SCIENTIFIC PROGRAM

Paradigm Shift in Prenatal Genetic Risk Assessment for Down Syndrome. Jessica Mozersky, University of Pennsylvania

## 055. (93) Neuroscience as a science of the social?

11:00 to 12:30 pm Solbjerg Plads: SPso5

Chairs: Svenja Matusall, ETH Zurich; Johannes Bruder, eikones NCCR Iconic Criticism

### **Participants:**

Catharsis, Transcendence, Self-Regulation: The Shifting Roles of Psychoactive Substances in Post-Traumatic Therapy. Ulrich Koch, ETH Zurich

Punch drunk: Chronic Traumatic Encephalopathy (CTE), the medicalization of violence and the appeal of stained brains. Aryn Martin, York University

Anxiety and fragility in the neuroscience of the social: considering autism research. Des Fitzgerald, London School of Economics and Political Science

**Neuroscience as a science of which social?** Gregory Hollin, Institute for Science and Society, University of Nottingham

# o56. Design, STS and cosmopolitics: From intervention to emergence in participation and sustainability - II

11:00 to 12:30 pm Solbjerg Plads: SPs07

Chair: Alex Wilkie, Goldsmiths, University of London

#### Participants:

**Design workbooks: non-scientific inscriptions.** William Gaver, Goldsmiths, University of London

**Cohering an Ecology of Practices through Public Design.** Carl DiSalvo, Georgia Institute of Technology

**Design Practices and the Micropolitics of Sustainability.** Ramia Mazé, Interactive Institute

Energy Scavenging and Cosmopolitics: Expanding the Materialities of Participation in Sustainable Technology. Jennifer Gabrys, Goldsmiths, University of London

# 057. (32) Environmental infrastructures: STS's anthropology of nature-cultures - II: Water

11:00 to 12:30 pm Solbjerg Plads: SPs08

Chairs: Atsuro Morita, Osaka University; Anders Blok, Copenhagen University; Brit Ross Winthereik, IT University of Copenhagen; Casper Bruun Jensen, IT University of Copenhagen

#### **Participants:**

Ontological Politics of Flood: Infrastructures and Enactment of Nature and Society in Chao Phraya Delta. Atsuro Morita, Osaka University

River talk: narratives of riverine environments in hydropower conflict, Turkey. Caterina Scaramell, MIT HASTS

**Buried streams and hidden narratives: A sociomaterial approach to understanding urban water.** Jennifer T. Mokos, Vanderbilt University

**Inventive Numbers and Natural Infrastructure.** Helen Ruth Verran, University of Melbourne

## 058. (95) Has feminism changed science studies?

11:00 to 12:30 pm Solbjerg Plads: SPs10

Chairs: Elvira Scheich, Freie Universität Berlin; Dagmar Lorenz-Meyer, Charles University Prague; Martina Erlemann, Freie Universität Berlin

#### SCIENTIFIC PROGRAM

#### **Participants:**

The 'assembler' as a social imaginary for designing nature, technology, and society. Petra Lucht, Technical University of Berlin & RWTH Aachen

Production of eggs and embryos, invisibility of women, and research in Spain. Eulalia Pérez Sedeño, Spanish National Research Council; Ana Sánchez Torres, Universidad de Valencia

The fruitfulness of mixed comparative approaches in STS. Anne-Sophie Godfroy, Institute for History and Philosophy of science and Technology (IHPST)

A Longitudinal Examination of Gender Differences in Scientific Careers: Evenidence from Ghana, Kenya, and Kerala, India. Paige Miller, University of Wisconsin, River Falls; Wesley Shrum, Louisiana State University

### 059. (18) Bio-objects and bio-objectification - I

11:00 to 12:30 pm Solbjerg Plads: SPs12

**Chairs:** Tora Holmberg, Institute for Housing and Urban Research, Uppsala University; Conor Douglas, VU University Medical Centre Amsterdam

#### **Participants:**

**Bio-objectification and bio-identification: recursive relations in the social shaping of bio-objects.** Andrew Webster, SATSU, University of York

Generative relations: crafting bio-objects within digital realms. Sakari Tamminen, University of Helsinki; Niki Vermeulen, University of Manchester

Blocking the Process of Bio-objectification: the translation of regenerative medicine in Japan. Koichi Mikami, Graduate University for Advanced Studies

Blurring the Boundaries in Bio-Banking: Reconfiguring Biomedical Infrastructures and their Governance. Conor Douglas, VU University Medical Centre Amsterdam

The movements and circulation of Aedes aegypti OX513A: mapping regulation and governance of GM mosquitos. Luisa Reis Castro, Spiral, Université de Liège / Maastricht University

# o6o. Legitimizing ESS II: the expectations of ESS touching reality

11:00 to 12:30 pm Solbjerg Plads: SPs13

Chair: Kerstin Sandell, Dept of Gender Studies, Lund University

### **Participants:**

An Olympic Campaign of Physics: The ESS in Local Media. Tobias Linné, Department of Communication and Media, Lund University

Reaching the inside from the outside? Member identification and auto-communication. Sara von Platen, Department of Strategic Communication, Lund University

**ESS: Designing organizations and institutions for collaboration in science.** Josephine V Rekers, CIRCLE Lund University

### 061. (54) Disasters - redesigning collective orders - II

11:00 to 12:30 pm Solbjerg Plads: SPs14

Chairs: Zuzana Hrdlickova, Goldsmiths, University of London; Manuel Tironi, Pontificia Unversidad Catolica de Chile; Israel Rodríguez-Giralt, Universitat Oberta de Catalunya

#### **Participants:**

illocality: Emergency Housing, Displacement and the Distribution of Sick Space. Nick Shapiro, University of Oxford

#### SCIENTIFIC PROGRAM

Of Borders and Buffer Zones: The Spatial Politics of Disaster in Sri Lanka. Vivian Y. Choi, University of California, Davis

Technologies of Displacement: Urban Design and Planning after Katrina. Graham Owen, Tulane University The social-cultural impact of the Dutch flood disaster of 1953. WATERWORKS Heems & Kothuis, Maastricht University/TU Delft

# 062. (72) (Re)designing public engagement: innovation in practice and analysis - II

11:00 to 12:30 pm Solbjerg Plads: SPs16

Chair: Cynthia Selin, Arizona State University

### **Participants:**

The Public Participation Principle in Science and Technology Communication. Per Hetland, InterMedia, University of Oslo

Nanopodium: Public debate on nanotech in the Netherlands. Christien Enzing, Technopolis, Amsterdam

**Public engagement in the margin.** Kristofer Hansson, Division of Ethnology, Department of Arts and Cultural Sciences, Lund University, Sweden

**Environmental agency in a women's organisation, practices of food and companion species.** Marja Vehviläinen, University of Tampere, Finland

**Grassroots Literacy and Asbestos Activism in South Africa.** John Trimbur, Emerson College

# o66. Governing the food-health nexus: Practices and materialities - I

2:00 to 3:30 pm Solbjerg Plads: D.2.20

**Chairs:** David Schleifer, Columbia University; Xaq Frohlich, Independent Researcher; Bart Penders, Radboud University Nijmegen

### Participants:

Securing Health: Defense, Industrial Bread and the Biopolitics of Nutrition. Aaron Bobrow-Strain, Whitman College

**"You'd have to be whack to be mad at information!"**. Xaq Frohlich, Independent Researcher

Who has the guts to make health claims? Good and Bad Scientists in Europe. Kim Hendrickx, University of Liège

The materiality of eating: specifities around fats in cooking practices. Rebeca Ibanez-Martin, Spanish National Research Council

The story of a risk object: cholesterol in Finland, ca. 1950-1980. Mikko Jauho, National Consumer Reseach Centre, Helsinki

# 067. (61) New media, digital identities and transformations of surveillance - I

2:00 to 3:30 pm Kilen: K143

Chair: Anders Albrechtslund, Aarhus University

### **Participants:**

Techno-economic models of surveillant subjectivity: the case of the Quantified Self. David J. Phillips, University of Toronto

Reflecting shadows: exploring the (un-)controllability of digital identities. Stefan Strauß, Austrian Academy of Sciences, Institute of Technology Assessment (ITA)

Making data bodies explicit. Lonneke van der Velden, University of Amsterdam; Frederik Zuiderveen Borgesius, University of Amsterdam

New media and surveillance: Identity and techno-embodied living. Ian Tucker, University of East London

#### SCIENTIELS DROCKAM

## o68. Taking stock of CCS in times of low expectations - I

2:00 to 3:30 pm Kilen: K146

Chair: Nils Markusson, University of Edinburgh

#### **Participants:**

Low expectations and remarkable opportunities of CCS technology in Finland. Matti Kojo, University of Tampere, Finland; Anna Matilda Nurmi, University of Jyväskylä

Fig-leaves, smokescreens and greenwash: Theorising Green representations on CCS. Hauke Riesch, Imperial College, London, UK; Olaf Corry, Open University

Carbon cultures: Standardization and policy transfer on CCS. Mads Dahl Giefsen, University of Oslo/Harvard University

Uncertainties in CO2 storage and implications for risk practices.
Benjamin Evar, University of Edinburgh

A tale of two CCS demos. Florian Kern, University of Sussex; Jim Watson, SPRU, University of Sussex, UK; James Meadowcroft, Carleton University; James Gaede, Carleton University, Canada

### 069. (41) The politics of algorithms - I

2:00 to 3:30 pm Kilen: K150

**Chairs:** Tarleton Lee Gillespie, Cornell University; Mary L. Gray, Microsoft Research / Indiana University; Mike Ananny, Microsoft Research / Harvard University; Daniel Kreiss, University of North Carolina at Chapel Hill

### **Participants:**

Accounting for people after a disaster: algorithms then and now. Megan Finn, UC Berkeley

Statistically discriminating without discrimination in consumer finance. Martha Poon, NYU

Coding 'Good Technology' for Winning Campaigns: Algorithms and the Aristotle 360 Campaign Management Software. Fenwick Robert McKelvey, Ryerson / York Universities

Queering Technological Infrastructures? Anatomy of a paradox. Mary L. Gray, Microsoft Research / Indiana University; Mike Ananny, Microsoft Research / Harvard University

# 070. (37) Design and displacement in energy system transitions: pasts, futures and presents - III

2:00 to 3:30 pm Kilen: Ks43

Chair: Catherine Butler, Cardiff University

#### **Participants:**

Towards a sustainable grid development? Comparing grid development regimes. Ole Andreas Brekke, Uni Research, Stein Rokkan Centre for Social Studies, Bergen, Norway; Hogne Sataoen, Stein Rokkan Centre for social studies; Patrick Devine-Wright, University of Manchester; Susana Batel, University of Exeter; Etienne Bailey, University of Exeter; Martin Albrechts, KTH Royal Institute of Technology

Designing and Displacing Future Energy Systems: Public(s), (Dis) engagement and Future Imaginaries. Catherine Butler, Cardiff University; Karen Parkhill, Cardiff University; Nick Pidgeon, Cardiff University

Public perceptions on new energy grid designs: A cross-country comparison. Øystein Aas, Norwegian Institute for Nature Research; Patrick Devine-Wright, University of Manchester; Torvald Tangeland, Norwegian Institute for Nature Research; Susana Batel, University of Exeter

Design and displacement of interfaces between the social and the technical in energy transitions. Jens Schippl, ITAS, Karlsruhe Institute of Technology (KIT)

#### SCIENTIFIC PROGRAM

Designing the low-income electricity consumer: pilot studies of dynamic pricing in the US. Daniel Breslau, Virginia Tech

## 071. (45) Feminist theory, values & ICT design - I

2:00 to 3:30 pm Kilen: Ks48

**Chairs:** Corinna Bath, Technical University Berlin; Judith Simon, Karlsruhe Institute of Technology

### **Participants:**

**Gendered entanglements of human-machine-interferences.** Waltraud Ernst, Johannes Kepler University Linz

Responsibility & accountability in ICT design. Judith Simon, Karlsruhe Institute of Technology On Designerly Thinking and Feminist Thought. Anna Croon Fors, Department of Informatics, Umeå University, Sweden

Participatory design and feminist interventions. Emancipatory potentials of public engagement. Andrea\*s Jackie Klaura, Department of Social Studies of Science, University of Vienna

Laboratory Studies as a Means of Feminist Intervention into ICT Research and Design Practices. Göde Both, Paderborn University

# 072. (28) Responsible and sustainable innovation: differences, similarities and relevance for STS - I

2:00 to 3:30 pm

Kilen: Ks54

**Chairs:** Jaco Quist, Delft Univerity of Technology; Harro Van Lente, University Utrecht; Ellen Moors, Innovation Studies, Copernicus Institute, Utrecht University, NL

#### **Participants:**

Articulations of responsibility and sustainability in nanotechnology: Comparing fixed and fluid funnels. Colette Bos, Utrecht

University; Harro Van Lente, University Utrecht; Alexander Peine, Utrecht University

Technology Assessment for Knowledge Production: A Framework for Analyzing the Conditions of Responsible and Sustainable Innovation. Christian Büscher, KIT; Andreas Lösch, KIT

**Design junctions, transition arenas and performed interventions.**Ulrik Jørgensen, Aalborg University; Jens Stissing Jensen, DTU Management

Participatory Technology Assessment & Stakeholder Engagement for Responsible and Sustainable Innovation: a conceptual & methodological comparison from recent cases from the Netherlands. Jaco Quist, Delft Univerity of Technology

# o73. (75+76) Design values - the materialization of building design/Digital models in technology and construction - III

2:00 to 3:30 pm

Kilen: Ground floor - Ks71

**Chairs:** Kjell Tryggestad, Copenhagen Business School; Chris Harty, University of Reading

#### **Participants:**

**Exploring socio-material orderings in ethnography of architectural design.** Katrine Lotz, Royal Academy of fine Arts, School of Architecture; Marianne Stang Våland, Copenhagen Business School

The sound of glass: an unheard(-of) dimension in architecture. Annelies Jacobs, Dept. of Technology and Society Studies, Faculty of Arts and Social Sciences, Maastricht University

Designing the observability of in-patients in single bedroom hospital wards. Carole Boudeau, university of reading

Materiality and Visualization in hospital design: How big is big enough? Chris Harty, University of Reading; Kjell Tryggestad, Copenhagen Business School

#### SCIENTIFIC PROGRAM

### 074. (43) Childhood, values, and digitisation - I

2:00 to 3:30 pm Solbjerg Plads: SP112

**Chairs:** Irma van der Ploeg, Zuyd University; Isolde Sprenkels, Zuyd University

#### **Participants:**

Translate, visualize & displace: Digital modes of risk assessment in Dutch youth care. Karolina La Fors-Owczynik, Zuyd University, Maastricht

Profiling 'at-risk youth': Data mining and values in crime policy. Francisca Grommé, University of Amsterdam

**Digitization in child welfare: 'raising' contrasts, reducing ambiguities.** Inge Lecluijze, Maastricht University; Bart Penders, Radboud University Nijmegen; Frans J.M. Feron, Maastricht University; Klasien Horstman, Maastricht University

Constructing a Self on Facebook: Teenage patients, privacy, and autonomy. Maja van der Velden, University of Oslo

## o75. Postphenomenological research: theoretical contributions

2:00 to 3:30 pm Solbjerg Plads: SP113

Chair: Peter-Paul Verbeek, University of Twente

#### **Participants:**

It Takes Both Postphenomenology and STS to Describe Mundane Artifacts. Robert Rosenberger, Georgia Institute of Technology

Postphenomenology vs. "Postpsychoanalysis": Digging into the Technological Unconscious. Yoni Van Den Eede, Free University of Brussels (VUB)

**Postphenomenology follows art to science to art.** Don Ihde, Stony Brook University

# 076. Making Life visible: Material performances in the museum

2:00 to 3:30 pm Solbjerg Plads: SP114

**Chairs:** Sniff Andersen Nexø, Dep. of History, The SAXO Institute, University of Copenhagen, Denmark; Anne Folke Henningsen, University of Copenhagen

### **Participants:**

Simian Bodies in Gothenburg Natural History Museum. Liv Emma Thorsen, Dep. of Culture Studies and Oriental Languages

**Displaying and Displacing Knowledge of the Other.** Anne Folke Henningsen, University of Copenhagen

**Discreet performances. How glass matters to embryo specimen.** Sniff Andersen Nexø, Dep. of History, The SAXO Institute, University of Copenhagen, Denmark

**Producing nature through glass cases.** Brita Brenna, Centre for Museum Studies, University of Oslo

**Truth Spots by Design.** Tom Gieryn, Indiana University; Kathleen Oberlin, Indiana University

### 077. Technologies of subjective space

2:00 to 3:30 pm Solbjerg Plads: SP205

Chair: Morten Nissen, Dept of Psychology, University of Copenhagen

#### **Participants:**

Space as Machine and Ideological Index in Social Work. Mads Bank, Department of Psychology, University og Copenhagen; Morten Nissen, Dept of Psychology, University of Copenhagen

#### SCIENTIFIC PROGRAM

Emplaced Standards/Subjects: Bridging Theory and Methodology in Media-Technological Intervention. Stephan Sieland, Department of Psychology, University of Copenhagen

**Self and Other in Digital Learning Spaces.** Ernst Schraube, Roskilde University

Health, Illness and Biosocial platforms. Paula Gonçalves da Silva, Faculty of Medicine of Porto University/ Institute of Molecular Pathology and Immunology of the University of Porto (FMUP/IPA-TIMUP); Joao Arriscado Nunes, CES University of Coimbra; Rui Mota Cardoso, Faculty of Medicine of the University of Porto/ Institute of Pathology and Immunology of the University of Porto (FMUP/IPA-TIMUP)

# 078. (01) Clinical research in post-genomic medicine - III

2:00 to 3:30 pm Solbjerg Plads: SP207

**Chairs:** Alberto Cambrosio, McGill University; Peter Keating, University of Quebec, Montreal

### **Participants:**

Multiple Scientometric Perspectives on Medical Innovation: Using the Medical Subject Headings (MeSH) of PubMed in the case of "RNA Interference". Loet Leydesdorff, University of Amsterdam; Daniele Rotolo, SPRU-Science and Technology Policy Research, University of Sussex; Ismael Rafols, University of Sussex

The Emergence Of New Technologies: A Multi-Perspective Analysis on The Case of HPV Molecular Diagnostics. Daniele Rotolo, SPRU-Science and Technology Policy Research, University of Sussex; Michael M Hopkins, SPRU - Science and Technology Policy Research University of Sussex; Ismael Rafols, University of Sussex

Anticipating promises of personalized genomics in research and clinical care. Jennifer Fishman, McGill University; Michelle McGowan, Case Western Reserve University

Risk Genomics and the Pharmacogenomic Enterprise: Personalized Medicine in Research and Clinical Practice. Ramya Rajagopalan, University of Wisconsin-Madison

**Systems Biology: When is Scientific Vision Immoral?** Sophia Efstathiou, Norwegian University of Science and Technology; Rune Nydal, Department of Philosophy. Norwegian university of science and technology

# 079. (02) Establishing expert knowledge: local work in clinical trials sessions - I

2:00 to 3:30 pm Solbjerg Plads: SP208

Chair: Sarah Wadmann, University of Copenhagen

### **Participants:**

Clinical trials as gift relationships. Heta Tarkkala, University of Helsinki

Closeness and distance: Emotion management in clinical drug testing. Sarah Wadmann, University of Copenhagen

Unruly experiments: stem cell therapy, clinical trials and the (limits of) regulatory knowledge. Christian Haddad, University of Vienna

Transits, regulation and mattering in the Global-south: The production of Human Papilomavirus (HPV) vaccination policies. Oscar Javier Maldonado Castañeda, Lancaster University

Designing a Sociocultural Assemblage for Clinically Evaluating Yao in Australia. Rev Calingo Tiquia, The University of Melbourne

#### SCIENTIFIC PROGRAM

# 080. Private property in the public interest? Patent politics in comparative and historical perspective

2:00 to 3:30 pm Solbjerg Plads: SP210

Chair: Shobita Parthasarathy, University of Michigan

#### Participants:

The United States Patent Office and the Politics of Life: A Historical View. Kara Swanson, Northeastern University School of Law

Producing Participation in US and European Debates about Life Form Patents. Shobita Parthasarathy, University of Michigan

Access to medicines, the right to health, and intellectual property in South Africa. Manjari Mahajan, New School University

Intellectual property, pharmaceuticals, and questions of sovereignty. Kaushik Sunder Rajan, University of Chicago

### 081. (83) Studio studies & creative production - I

2:00 to 3:30 pm Solbjerg Plads: SP212

Chair: Alex Wilkie, Goldsmiths, University of London

#### Participants:

Off the studio. Accounting for sensible practices within the engineering processes of a design chair in Italy. Alvise Mattozzi, Free University of Bozen; Laura Lucia Parolin, Milano Bicocca University

Collective Bodies: Theorizing the Positions of the Glassblowing Team from the Dispositions of Practice. Erin Elizabeth O'Connor, Marymount Manhattan College

Creative Collision: Designers, Test-Persons and Artefacts in the Lab. Julian Stubbe. TU Berlin

Propagating experimental idioms with a networked laptop orchestra. Patrick Valiquet, University of Oxford

# 082. (81) Expectations and innovative technologies - III

2:00 to 3:30 pm Solbjerg Plads: SP213

Chair: Alan Robert Petersen, Monash University

#### **Participants:**

The Expectations Role on Nanotechnology Development. Rui Vieira Cruz, University of Minho

**Dream of Pure Science: The Meaning of Expectations in Nanobiology.** Aiko Hibino, Hirosaki University; Masato Fukushima, The University of Tokyo

The ethical implications of expectations: A case of stem cell treatments in India. Shashank Shekhar Tiwari, Institute for Science and Society, University of Nottingham

Marketing hope: the dynamics of expectation in relation to stem cell treatments. Alan Robert Petersen, Monash University; Megan Munsie, Stem Cells Australia

# 083. (48) Design challenges of working and organizing in technologically dense environments - I

2:00 to 3:30 pm Solbjerg Plads: SP214

**Chairs:** Enrico Attila Bruni, Dept. of Sociology and Social Research - University of Trento (IT); Cornelius Schubert, TU Berlin

### **Participants:**

Coding is newsmaking! How programmers fit into Chicago Tribune's newsroom. Sylvain Parasie, Université Paris Est / Marne-la-Vallée Business

#### SCIENTIFIC PROGRAM

Intelligence as Strategizing Practice: Narratives and Experiences. Ravi Dar, Department of Business Studies, Uppsala University, Sweden

The role of ICT-supporters as mediators and instigators of designs and order in clinical practices ... and how they sometimes fail. Lone Stub Petersen, Department of Development and Planning, Aalborg University

Transforming knowledge across domains in the temporary development spaces. Louise Brønnum, Aalborg University Copenhagen; Christian Clausen, DTU Management

Complex working environments and the human-robot interaction: challenges for the design of work organisation. António Brandão Moniz, Universidade Nova de Lisboa and Karlsruhe Institute of Technology; Maria João Maia, Universidade Nova de Lisboa-FCT; Eva Zschieschang, Karlsruhe Institute of Technology-ITAS

# 084. (57) New orientations in risk management practices: designing nature and society anew?

2:00 to 3:30 pm

Solbjerg Plads: SP216

**Chairs:** Joana Guerrin, IRSTEA (France); Anna J Wesselink, University of Leeds; Christelle Gramaglia, Research in sociology, UMR GEAU - Cemagref Montpellier

#### **Participants:**

Tornado Alley Versus Dixie Alley: The Problematization of Tornado Risk in Meteorology. Jennifer J Henderson, Virginia Tech What Science

Doesn't Know Can't Hurt Us. Graham Lucas, University of Newcastle Australia

Living with floods: between technological panacea and political disaster. Joana Guerrin, IRSTEA (France)

In what (other) world do we want to live together? Jim Dratwa, European Commission, Facultés universitaires Saint-Louis, Brussels

# 085. Uncertainty trumps? Science and contested authority.

2:00 to 3:30 pm Solbjerg Plads: SPs01

Chairs: Hedwig te Molder, University of Twente & Wageningen University; Rob Hagendijk, Universiteit van Amsterdam

### **Participants:**

An Inside Job? Contesting Business School Research. Alan Irwin, Copenhagen Business School

Uncertainty Trumps and Traps. The risky paths toward democratization of scientific advice. Pierre-Benoît Joly, INRA

The public authority of science: erosion and resilience. Rob Hagendijk, Universiteit van Amsterdam

Identity work, and the public credibility of scientific experts. Erwin van Rijswoud, University of Twente

"Contested "Science"? Reconstructing Pandora's Box.. Brian Wynne, University of Lancaster

**Discussants:** Huub Dijstelbloem, University of Amsterdam Stephen Hilgartner, Cornell University

### 086. (103) Risk, regulation and ethics - III

2:00 to 3:30 pm Solbjerg Plads: SPso3

**Chairs:** Luigi Pellizzoni, University of Trieste, Italy; Marja Ylönen, University of Jyväskylä

Participants:

#### SCIENTIFIC PROGRAM

'A deviation from standard design': regulatory organizations, misconduct and the TGN1412 trial. Adam Michael Hedgecoe, Cesagen, Cardiff University

Unethical Science for Policy in the Environmental Governance of Agricultural Biotechnology. Fern Wickson, GenØk Centre for Biosafety; Brian Wynne, University of Lancaster

Post-Fukushima: nuclear safety regulation and the challenge of recognition. Marja Ylönen, University of Jyväskylä

**Global Disparity on the 'Risks' of Technology.** Jung-Ok Ha, Seoul National University

## 087. (93) Neuroscience as a science of the social?

2:00 to 3:30 pm Solbjerg Plads: SPs05

Chairs: Svenja Matusall, ETH Zurich; Johannes Bruder, eikones NCCR Iconic Criticism

#### **Participants:**

Good Brains, Bad Brains: Historical and Contemporary Perspectives on the Neuroscience of Morality. Felix Schirmann, Faculty of Behavioral and Social Sciences, University of Groningen, The Netherlands

Ethnomethodology and neuroeconomics on what keeps society together. A case-study in comparative epistemology. Pim Klaassen, University of Amsterdam, Department of Philosophy

Sociology, neuroscience, and the study of thick moral concepts. Ruben Flores, Higher School of Economics

Toward a Social Ecology of Brain and Mind. Sal Restivo, Independent Scholar

# o88. Designing Society, socializing design – an enquiry on the performative relationship between ANT and Design - I

2:00 to 3:30 pm Solbjerg Plads: SPs07

Chairs: Cristiano Storni, Interaction Design Centre; Tommaso Venturini, MediaLab. Sciences Po. Paris. France

#### **Participants:**

Designing Controversies: How design has been socialized and why sociology should be designed. Tommaso Venturini, MediaLab, Sciences Po, Paris, France

**Returning the challenge: Designarly ways of doing ANT.** Pelle Ehn, School of Arts and Communication, Malmö University, Sweden

Constructing the world - betraying constructivism? Peter Danholt, Information studies/Dept. of Aesthetics and Communication, Aarhus University, Denmark

**Design interventions as a form of inquiry.** Joachim Halse, The Royal Danish Academy of Fine Arts, School of Design

# 089. (32) Environmental infrastructures: STS's anthropology of nature-cultures - III: Indigenous Knowledge

2:00 to 3:30 pm Solbjerg Plads: SPs08

**Chairs:** Atsuro Morita, Osaka University; Anders Blok, Copenhagen University; Brit Ross Winthereik, IT University of Copenhagen; Casper Bruun Jensen, IT University of Copenhagen

#### **Participants:**

"Propane ate Mushroom": Knowledge translation in the forest revitalization movement. Shiho Satsuka, Rachel Carson Center, LMU/Anthropology, University of Toronto

#### SCIENTIFIC PROGRAM

Collaborative Inquiry in Environmental Issues: A Case Study of Mikata Lakes Restoration. Masataka Nakajima, The Graduate University for Advanced Studies (Sokendai)

"Parataxonomy" and "Postcolonialism" in Science in Action: Traditional Knowledge Digital Archive Project in India. Moe Nakazora, University of Tokyo

Making Knowledge in Environmental Partnership: An Inverse Development Anthropology. Brit Ross Winthereik, IT University of Copenhagen; Casper Bruun Jensen, IT University of Copenhagen

# 090. (97) What is STS for? What are STS scholars for?

2:00 to 3:30 pm Solbjerg Plads: SPs10

Chair: Gary Downey, Virginia Tech

### **Participants:**

Technology after the Nuclear Revolution: Revisiting Post-War Political Thought. Casper Sylvest, University of Southern Denmark; Rens van Munster, Danish Institute for International Studies (DIIS)

Society cannot be cut? Civic knowledge in times of "crisis." Tereza Stockelova, Institute of Sociology, Academy of Sciences of the CR

Big STS. Gary Downey, Virginia Tech

From Natural Dialectics to STS: The Historical Evolution of Science Studies in China. Lu Gao, The Institute for the History of Natural Sciences

Critical collaborations in life science and society: from STS to consultancy, and back again? Maud Radstake, CSG Centre for Society and the Life Sciences, Radboud University

## 091. (18) Bio-objects and bio-objectification - II

2:00 to 3:30 pm Solbjerg Plads: SPs12

Chair: Tora Holmberg, Uppsala University

### **Participants:**

The moral economies of the human stem cell crowd. Shai Mulinari, Malmö University; Tora Holmberg, Institute for Housing and Urban Research, Uppsala University; Malin Ideland, Malmö University

IVF couples bio-objectification of embryos donated for scientific research. Susana Silva, University of Porto, Portugal; Helena Machado, University of Minho; Catarina Samorinha, University of Porto, Portugal

Induced pluripotent stem cells as 'bio-objects': stabilizing new research design in regenerative medicine. Mianna Meskus, Department of Social Research, University of Helsinki

**DNA Mutations, Birth, and the Value of Life.** Joëlle Vailly, Inserm - Iris

Crafting invisible bone: the case of Dual energy X-ray Absorptiometry (DXA) in Taiwan. Hsueh-Kuei Lin, St. Mary's Medicine, Nursing and Management College; Zxyyann Jane Lu, National Yang-Ming University

### 092. (65) Political devices - I

2:00 to 3:30 pm Solbjerg Plads: SPs13

Chair: Endre Dányi, Dept of Sociology, Lancaster University

#### **Participants:**

**Political Devices.** Endre Dányi, Dept of Sociology, Lancaster University; Jan-Peter Voss, Technische Universität Berlin

The intertextual construction of policy instruments The case of emissions trading. Arno Simons, Technische Universität Berlin

#### SCIENTIFIC PROGRAM

Prices as Political Devices: Water, Human Rights and Calculation in Costa Rica. Andrea Ballestero, Rice University

Putting Interests Back In: Between Vertical and Horizontal Politics of Chemical Control in Europe. Henri Boullier, Université Paris-Est/LATTS and IFRIS

Techno-legal instruments as political devices. Defining nanomaterials and shaping a European space of regulatory action. Brice Laurent, CSI - Mines ParisTech

## 093. (54) Disasters - redesigning collective orders

2:00 to 3:30 pm Solbjerg Plads: SPs14

**Chairs:** Zuzana Hrdlickova, Goldsmiths, University of London; Manuel Tironi, Pontificia Unversidad Catolica de Chile; Israel Rodríguez-Giralt, Universitat Oberta de Catalunya

#### **Participants:**

Taming the Rivers- Flood Control and Colonial Rule in Taiwan, 1895-1945. Yawen Ku, Inst. of Taiwan History, Academia

Sinica Framing allergy: Constructing a new disease and its solutions in postwar Taiwan. Hung Bin Hsu, National Chung Hsing University

That which does not kill you makes you stronger. Earthquakes and State building in Chile. Magdalena Gil-Ureta, Columbia University

The ontological politics of disasters: modes of governing uncertainty. Israel Rodríguez-Giralt, Universitat Oberta de Catalunya; Manuel Tironi, Pontificia Unversidad Catolica de Chile

# 094. (72) (Re)designing public engagement: innovation in practice and analysis - III

2:00 to 3:30 pm Solbjerg Plads: SPs16

Chair: Gretchen L Gano, Arizona State University

#### **Participants:**

Seeking meaningful continuities for public engagement in urban planning. Helena Leino, University of Tampere, School of Management, Finland

Engaging publics even if "they don't care"? The case of public lighting. Nona Schulte-Römer, WZB

Multimodal narratives in urban development. Jarkko Bamberg, University of Tampere; Pauliina Lehtonen, University of Tampere

Urban planners on the move. Peter Munthe-Kaas, DTU MAN; Birgitte Hoffmann, DTU MAN

Dutch public flood safety engagement beyond the myth of dry feet. WATERWORKS Heems & Kothuis, Maastricht University/TU Delft

# ogs. Governing the food-health nexus: Practices and materialities - II

4:00 to 5:30 pm Solbjerg Plads: D.2.20

Chair: David Schleifer, Columbia University

### **Participants:**

What counts as a blueberry? David Schleifer, Columbia University; Michaela Desoucey, Princeton University

Food Fight: Unpacking Dietary Credibility. Bart Penders, Radboud University Nijmegen

**Designing the "Food Code": The Codex alimentarius.** Brigit Ramsingh, University of Toronto

Slow Food: the geographical becoming of a new social movement. Stefan Dormans, Radboud University Nijmegen; Bas Hendrikx, Radboud University Nijmegen; Arnoud Lagendijk, Radboud University Nijmegen

**Discussants:** Xaq Frohlich, Independent Researcher; Bart Penders, Radboud University Nijmegen

#### SCIENTIFIC PROGRAM

# 096. (39 + 44)Temporal practices and socio-digital organizing + Universal design and ambient living

4:00 to 5:30 pm Solbjerg Plads: D4 Aug

**Chairs:** Ingrid Erickson, Rutgers University; Maxine Saborowski, Alice Salomon University of Applied Sciences Berlin

#### **Participants:**

Reshaping the Day: smartphones and the renegotiation of temporal practices. Martin Hand, Queen's University

"Sent from my iPhone": Blurring boundaries in the work/homeplace. Rebecca Whittle, Lancaster University; Rebecca Ellis, Lancaster University; Ian Marshall, Lancaster University; Paul Alcock, Lancaster University; David Hutchison, Lancaster University; Andreas Mauthe, Lancaster University

Design, Cultural Background and Methodological Approaches in the Integration of AAL and Robotics. An Intercultural Comparison between Europe and Japan. Gregor Fitzi, University Oldenburg (Ge). Istitute of Sociology; Gesa Lindemann, University Oldenburg (Ge). Istitute of Sociology; Hironori Matsuzaki, Carl von Ossietzky University of Oldenburg, Institute for Social Sciences

**Exploring old and new media: Comparing military blogs to Civil War letters.** Seth Shapiro, Cornell Unviersity; Lee Humphreys, Cornell University

# 097. (61) New media, digital identities and transformations of surveillance - II

4:00 to 5:30 pm Kilen: K143

Chair: Jason Pridmore, Zuyd University

### Participants:

**Sign on surveillance: Third party site mediation and social media.**Jason Pridmore, Zuyd University

**Participatory surveillance in the Rotterdam Nightscape.** Tjerk Timan, University of Twente

Privacy protection: Taking advantage of false or ambiguous information. Arisa Ema, University of Tokyo

Mapping practices of construction and destruction. Louise Nørgaard Glud, Aarhus University, Institute for Esthetics and Communication

**Social spaces: understanding location sharing.** Anders Albrechtslund, Aarhus University

# 098. Taking stock of CCS in times of low expectations - II

4:00 to 5:30 pm Kilen: K146

Chair: Benjamin Evar, University of Edinburgh

### **Participants:**

Understanding institutions in CCS: Two case studies in Finland. Arho Toikka, University of Helsinki

Stakeholder perceptions on carbon capture and storage technologies in Finland. Laura Kainiemi, Aalto University, Finland; Carl-Johan Fogelholm, Aalto University, Finland

Upscaling capture technologies: Lessons from FGD and industrial gas turbines. Nils Markusson, University of Edinburgh

Mapping the social study of CCS. Olaf Corry, Open University

The neglected side of engagement: the role of project developers. Sylvia Breukers, Researcher; Paul Upham, University of Leeds; Mariette Pol, Energy research Center of the Netherlands, the Netherlands

### 099. (41) The politics of algorithms - II

4:00 to 5:30 pm Kilen: K150

### Participants:

#### SCIENTIFIC PROGRAM

How Associational Algorithms Do Public Work. Mike Ananny, Microsoft Research / Harvard University

Assessing the role of algorithms as autopoietic tools of governance. Jacob Oermen, University of Copenhagen

Threshold of visibility: on the politics of appearing and disappearing on News Feed. Taina Bucher, University of Oslo

In search of the algorithm: Exploring the practical politics of Search Engine Optimization (SEO). Malte Ziewitz, University of Oxford

Toward a Sociology of Algorithms; the Case of "Spreading Santorum." Tarleton Lee Gillespie, Cornell University

### 100. Roundtable STS Africa

4:00 to 5:30 pm Kilen: K275

**Chairs:** Norman Schräpel, Institute of Anthropology and Philosophy, MLU Halle-Wittenberg; Richard Rottenburg, MPI Social Anthropology/University of Halle

# 101. (37) Design and displacement in energy system transitions: pasts, futures and presents - IV

4:00 to 5:30 pm Kilen: Ks43

Chair: Catherine Butler, Cardiff University

#### **Participants:**

Role of public policies in the future 'designs' of the transport system – barriers and opportunities for system change. Paula Elina Kivimaa, Finnish Environment Institute; Venla Virkamäki, Finnish Environment Institute; Paul Upham, University of Leeds

Uncertain Transitions and Transitional Uncertainties in the Making: The case of the UK natural gas network, c. 1940-2010. Stathis Arapostathis, University of Athens

**Energy poverty and the co-evolution of liberalization and institutional change.** Thomas Berger, Inter-University Research Centre for Technology, Work and Culture (IFZ)

Engineering Economics: The Role of Engineers in Electricity Markets. Canay Ozden, MIT

### 102. (45) Feminist theory, values & ICT design - II

4:00 to 5:30 pm Kilen: Ks48

**Chairs:** Corinna Bath, Technical University Berlin; Judith Simon, Karlsruhe Institute of Technology

### **Participants:**

**Gender and Computing: A Case Study of Women in India.** Roli Varma, University of New Mexico

The African women's organizations IT paradox: towards an epistemic change. Joelle Palmieri, Les Afriques dans le Monde

Doing Design Work: Double Participation and Feminist Values. Alison Marlin, University of Melbourne

Trapped in gender? Challenges in research on Computer science's gender gap. Anna Vitores, Centre for Science Studies, Lancaster University

# 103. (28) Responsible and sustainable innovation: differences, similarities and relevance for STS - II

4:00 to 5:30 pm Kilen: Ks54

Chairs: Jaco Quist, Delft Univerity of Technology; Harro Van Lente, University Utrecht; Ellen Moors, Innovation Studies, Copernicus Institute, Utrecht University, NL; Ipo van de Poel, Delft University of Technology

#### SCIENTIFIC PROGRAM

#### **Participants:**

Acceptability of sustainable and responsible innovations: From public acceptance to co-production. Eefje Cuppen, TU Delft; Olga Di Ruggero, TU Delft; Anne Lorene Vernay, Delft University of Technology

A "nudge" towards better behaviour? The limitations of individual choice models. Isabel Fletcher, ESRC Innogen Centre, University of Edinburgh

**Designing Dynamic Consent Mechanisms in ICTs: Lessons in User Engagement and Notification.** Nadja K. Kanellopoulou, University of Oxford

Designing Sustainability. Alan Glen Murray, University of Edinburgh

# 104. (33) Investigating environmental science and technology

4:00 to 5:30 pm

Kilen: Ground floor - Ks71

Chair: Catharina Landstrom, University of East Anglia

### **Participants:**

Green tricksters: how do we deal with the volatility of criteria for sustainability? Tomas Moe Skjølsvold, Norwegian University of Science and Technology

Social representations of alternative pest management approaches in agriculture. Elisabeth Gauthier, Agriculture and Agri-Food Canada; Gale E. West, Laval University; Anne-Marie Handfield, Université du Québec à Montréal

The Unbearable Lightness of Air: a case of citizen's management of odorous environment. François Mélard, Université de Liège

**Experiments in environmental STS.** Catharina Landstrom, University of East Anglia

105. (43) Childhood, values, and digitisation - II

4:00 to 5:30 pm Solbjerg Plads: SP112

**Chairs:** Irma van der Ploeg, Zuyd University; Isolde Sprenkels, Zuyd University

#### **Participants:**

Online sociability: children, technology and interaction. Ana Delicado, Institute of Social Sciences Univ Lisbon; Nuno Almeida Alves, CIES-ISCTE-IUL

The Janus Face of Dutch Media Literacy Initiatives Concerning 'Kidsmarketing'. Isolde Sprenkels, Zuyd University

**Digital games in the Norwegian educational discourse.** Kristine Ask, Norwegian University of Science and Technology; Lars Skancke, Norwegian University of Science and Technology

Kindergarten children's digitized conduct of everyday life. Niklas A Chimirri, Roskilde University

# 106. Postphenomenological research: philosophical implications

4:00 to 5:30 pm Solbjerg Plads: SP113

Chair: Peter-Paul Verbeek, University of Twente

#### **Participants:**

Techno-anthropology. Hybridizations and in betweeness. Lars Botin, Aalborg University

Is intentionality sufficient for explaining technology acceptance? Hongxiu Yan, Shanghai Jiao Tong University

Mediated Minds: towards an experimental phenomenology. Shoji Nagataki, International Liberal Studies, Chukyo University

A postphenomenology of time. Fernando Flores, Lund University

#### SCIENTIFIC PROGRAM

# 107. Governance of science: integrating policy, funding, steering, organization and practice

4:00 to 5:30 pm Solbjerg Plads: SP114

Chair: Aant Elzinga, Univeristy of Gothenburg

### **Participants:**

Who Governs Strategic Research Funding? Institutional Dynamics and Research Funding Practice in the Knowledge Foundation.

Daniel Holmberg, Lund University; Mats Benner, Lund University

The impact of evaluations on developments in academic careers: Concepts, research strategy and initial findings in the UK. Frank van der Most, e-Humanities Group / DANS, KNAW

The genesis and evolution of research groups in academia – exploiting opportunities and counterbalancing constraints. Olof Hallonsten, Lund University

Between Vision and Reality: Co-production as research policy buzzword and messy practice. Josefine Hjelteig Fischer, Lund University

# 108. Agnotology as research program and theoretical problem

4:00 to 5:30 pm Solbjerg Plads: SP205

Chair: Philip Mirowski, University of Notre Dame

#### **Participants:**

The Origins of Pharmaceutical Agnotology. Edward Nik-Khah, Duke University and Roanoke College

"The co-production of negative boundary objects in the H5N1 debate". Samuel Evans, Havard University

As Long as they Keep Paying Us, We Must Be Right: Economists and Agnotology in the Economic Crisis. Philip Mirowski, University of Notre Dame

# 109. Infrastructure and displacement: Reordering information and classification

4:00 to 5:30 pm Solbjerg Plads: SP207

Chair: Lorna Heaton, Universite de Montreal

### **Participants:**

Making the Cycling City Visible. Classifying urban facilities in a volunteered geographic information environment. Jerome Denis, Telecom ParisTech; David Pontille, CNRS

The Pragmatics of Rare Disease Classification: Infrastructure, practice and meaning. Eric Dagiral, LATTS, université Paris-Est Marne-la-Vallée / Catholic University of Paris; Ashveen Peerbaye, Université Paris-Est Marne-la-Vallée

Reshaping a Botanical Database: Dis-placing and re-placing the lines between amateurs and scientists. Florence Millerand, Universite du Quebec a Montreal; Lorna Heaton, Universite de Montreal

The validation of lay knowledge: amateur field biology and archaeology. Willem Halffman, Philosophy and Science Studies, Radboud University Nijmegen

# 110. (02) Establishing expert knowledge: local work in clinical trials sessions - II

4:00 to 5:30 pm Solbjerg Plads: SP208

Chair: Sarah Wadmann, University of Copenhagen

#### **Participants:**

Clinical Trials and the Deployment of Evidence in Acupuncture and Christian Science Healing. Kellie Owens, Northwestern University

Multiplicity (and times) of a biomedical object – the aging erythrocyte. Maria Strecht Almeida, ICBAS, University of Porto

#### SCIENTIFIC PROGRAM

Translating Bioscience: An ethnography of value. Anne Kerr, University of Leeds

Judging the Medics' Science: Research Misconduct in UK Medical Disciplinary Proceedings since 1990. Marie-Andree Jacob, Keele University

### 111. (83) Studio studies & creative production - II

4:00 to 5:30 pm Solbjerg Plads: SP212

Chair: Alex Wilkie, Goldsmiths, University of London

#### **Participants:**

Perfume-making: The studio as a site of scientific practice and creative production. Claus Noppeney, Bern University of Applied Sciences; Nada Endrissat, Bern University of Applied Sciences

Epistemic dissonance: how do architects come up with alternatives. Ignacio Farias, Social Science Research Center Berlin

Making Studio Practice Public: Assembling a DigiLab through Case Studying Virtual Research Inscriptions. Amanda Nita Windle, University of the Arts, London

The cultural (dis)empowerment as shaped in research on algorithms for image processing. Dominique Vinck, University of Lausanne

# 112. Science at the baseline: Consequences of calibration and comparison in 20th century bioscience

4:00 to 5:30 pm Solbjerg Plads: SP213

Chair: Susanne Bauer, Goethe University Frankfurt

#### **Participants:**

Locating the Baseline: Calibrating Fallout Effects during the Cold War. Susanne Bauer, Goethe University Frankfurt

Embodying the Baseline: Taking Stock of "Naïve" Bodies in Cold War Human Biology and Contemporary Biomedicine. Joanna Radin, Yale University

Floating nature: beyond the baseline in biodiversity conservation. Etienne Benson, Max Planck Institute for the History of Science

Establishing a Baseline at the Lab-Field Border: Inside the Medical Tent of the 2006 Comrades Marathon. Andi Johnson, University of Pennsylvania

Discussant: Geoffrey Bowker, University of California-Irvine

# 113. (48) Design challenges of working and organizing in technologically dense environments - II

4:00 to 5:30 pm Solbjerg Plads: SP214

**Chairs:** Enrico Attila Bruni, Dept. of Sociology and Social Research - University of Trento (IT); Cornelius Schubert, TU Berlin

### **Participants:**

Heterogeneous density in Italian Science and Technology Parks. Michela Cozza, University of Trento-Dep. of Sociology and Social Research

On the fly: performing medical simulation in and through its double design. Philippe Björn Sormani, University of Vienna

Standards as organizing principles of innovation: theoretical reflections on a contradictory relation. Imme Petersen, University of Hamburg

The work, bodies and routines of a new bike. Mette Mogensen, CBS, Management Politics and Philosphy

# 114. Uncertainty trumps? Science and contested authority - II

4:00 to 5:30 pm Solbjerg Plads: SPs01

#### SCIENTIFIC PROGRAM

Chair: Rob Hagendijk, Universiteit van Amsterdam

#### **Participants:**

Schizophrenia genetics online: Spaces of contestation. Sally Wyatt, Maastricht University; Susan E. Kelly, University of Exeter; Anna Harris, University of Exeter

Partial contestations: Citizens' counter-narratives in assessing new technologies. Ulrike Felt, University of Vienna

Contesting Science as (Re)claiming Epistemic Ownership. Hedwig te Molder, University of Twente & Wageningen University

**Science and the Struggle for Public Meaning.** Sheila Jasanoff, Harvard University

Making sense of the shots; vaccine 'conversions' as accounts of odd events. Wytske Versteeg, Universiteit Twente

Discussant: Stephen Hilgartner, Cornell University

## 115. Generating methods: The device in/as social research

4:00 to 5:30 pm Solbjerg Plads: SPso3

Chairs: Noortje S Marres, Goldsmiths, University of London; Nina Wakeford, Goldsmiths

#### **Participants:**

On Controversy Analysis as a Digital Method (Or, the Co-word Machine). Noortje S Marres, Goldsmiths, University of London

**Moving, mixing and mediating census data.** Evelyn Ruppert, Open University

Frederick's Sandbox: From Psychotherapy and Strategy to an STS-Disaster Simulation Device. Michael Guggenheim, Goldsmiths, University of London; Judith Kröll, University of Vienna & Shared Inc.; Bernd Kraeftner, University of Applied Arts & Shared Inc.

**Devices all the way down: the social in biological computation.**Alex S Taylor, Microsoft Research; Caitlin Cockerton, BIOS, London School of Economics and Political Science

Tuning In: Atmosphere as Device. Nina Wakeford, Goldsmiths, University of London

# 116. Designing Society, socializing design – an enquiry on the performative relationship between ANT and Design - II

4:00 to 5:30 pm Solbjerg Plads: SPs07

Chairs: Cristiano Storni, Interaction Design Centre; Tommaso Venturini, MediaLab, Sciences Po, Paris, France

### **Participants:**

Understanding the materiality of designing in the management context. Nina Terrey, University of Canberra Australia

**Design AND ant: notes on performative associations.** Cristiano Storni, Interaction Design Center

The Organic Imagination; Living Models, Model Living. Adam Jacob Levin, University at Buffalo

# 117. (32) Environmental infrastructures: STS's anthropology of nature-cultures - IV: Standardization

4:00 to 5:30 pm Solbjerg Plads: SPs08

**Chairs:** Atsuro Morita, Osaka University; Anders Blok, Copenhagen University; Brit Ross Winthereik, IT University of Copenhagen; Casper Bruun Jensen, IT University of Copenhagen

#### **Participants:**

Re-enchanting the world: Biodynamic farming as a cosmic technology. Ask Greve Jørgensen, University of Copenhagen

Considering the future of Globalization from the standpoint of the Inuit Indigenous Movement. Keiichi Omura, Osaka University

Surveys and statistics, sightings and stories: Knowing and managing wildlife as demographic and biographic. Stephanie Lavau, University of Exeter

Managing "Environmental Infrastructures". Ingmar Lippert, Augsburg University Saga of the Orkney Islands Electron. Laura Watts, IT University of Copenhagen

### 118. (18) Bio-objects and bio-objectification - III

4:00 to 5:30 pm Solbjerg Plads: SPs12

Chair: Conor Douglas, VU University Medical Center Amsterdam

### **Participants:**

**Deferred Fertility: Private Oöcyte Banking.** Catherine Waldby, University of Sydney

Vital fluids: the generative dialectics and procreant contradictions of blood. Nik Brown, University of York

Performing the bioeconomy: reproductive medicine, genetic testing and neoliberism. Vincenzo Pavone, CSIC - Consejo Superior Investigaciones Cientícas

The Bio-objectification of Gender in Insurance: Governing Difference, Equality, and Solidarity in EU Bio-economies. Lisa Michelle Rebert, Maastricht University, Department of Health Ethics and Society; Ine Van Hoyweghen, Maastricht University, Department of Health Ethics and Society

Can We Already Write a History of the Bio-Object? Bettina Bock von Wülfingen, Humboldt Universität zu Berlin

### 119. (65) Political devices - II

4:00 to 5:30 pm Solbjerg Plads: SPs13

Chair: Jan-Peter Voss, Technische Universität Berlin

### **Participants:**

The Politics of Objectivity. Arlena Jung, Social Science Research Center Berlin

Exploring experts-policymaking liaison through conceptual artifacts. Chiara Carrozza, Centro de Estudos Sociais, University of Coimbra (PT)

Governmental guidelines: Inside the Jurrasic Park of governmental policy tools. Rolf Andreas Markussen, Narvik University College, Norway

**Political Devices & Transnational Assemblages.** Alejandro Esguerra, Berlin Graduate School for Transnational Studies, Free University Berlin; Daisuke Naito, Research Institute for Humanity and Nature, Kyoto, Japan

Politics of Graduated Response: The Making of Copyright Enforcement on the Internet. Andreas Kuehn, Syracuse University; Milton Mueller, Syracuse University

### 120. Promises and perils of sensor networks

4:00 to 5:30 pm Solbjerg Plads: SPs14

Chair: Jillian C Wallis, University of California, Los Angeles

#### **Participants:**

**Increasing the Odds in Opportunistic Science.** Jillian C Wallis, University of California, Los Angeles

In a World of Representations: the Pragmatism of Performativity.

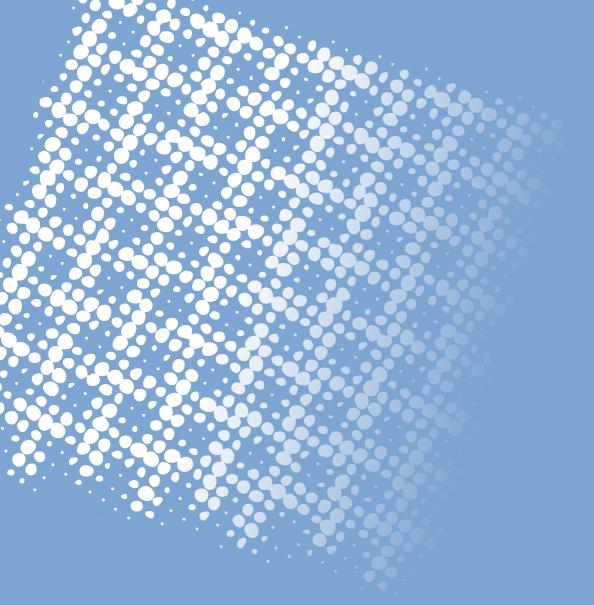
#### SCIENTIFIC PROGRAM

Eric Monteiro, Department of Informatics, University of Oslo

"We'll Meet the Meat": Food Safety, Sensors, and the Internet of Things. Scout Calvert, University of California, Irvine

Temporalities of Mobility: When to assemble a sensor network and when to assemble a network of data. Laura Wynholds, Information Studies Dept., University of California, Los Angeles

**Discussant:** Christine L Borgman, University of California, Los Angeles



# Scientific Program

Friday 19 October

123. Reenvisioning/redesigning engineering education + Contemporary issues and the normative dimension of engineering education

9:00 to 10:30 am Solbjerg Plads: D.2.20

Chairs: Gary Downey, Virginia Tech; Aalok Khandekar, Maastricht University

### **Participants:**

Legitimizing engineering technology education: Winston Purvine and the ASEE, 1946-1977. Mark Clark, Oregon Institute of Technology

'Learning by Doing': Cal Poly's evolving vision for practical training in engineering education. Atsushi Akera, Rensselaer Polytechnic Institute

Subjective vs. objective: the problem of the IIT Joint Entrance Examination. Shreeharsh Kelkar, MIT

Into the wild? Effects of gender equality politics ongender studies ethnographic field work in engineering education cultures.

Tanja M. Paulitz, University of Graz; Susanne Kink, Queer STS - IFZ Graz; Bianca Prietl, University of Graz

Discussants: Amy E. Slaton, Drexel University; Park Doing, Cornell

# 124. Deliberating Nordic science, reconfiguring Nordic democracy - I

9:00 to 10:30 am Solbjerg Plads: D.4.39

**Chairs:** Alison Cool, New York University; Amelie Hoshor, University of Gothenburg

#### **Participants:**

Swedish consensus politics: between technocracy and public participation. Alison Cool, New York University; Amelie Hoshor, University of Gothenburg

#### SCIENTIFIC PROGRAM

Public trust in biomedical research in Nordic welfare society: A historical and sociological analysis. Karoliina Snell, University of Helsinki

Genetic debate in Iceland – the politics of 'biovalue'. Stefán Hjörleifsson, University of Bergen

'Managementality' and the displacement of democratic capitalism in Norway. Emil Røyrvik, SINTEF Technology and Society Work Research, Norwegian University of Science and Technology

Discussant: Juha Tuunainen, University of Helsinki

## 125. (53) The day after Fukushima - I

9:00 to 10:30 am Solbjerg Plads: D4 Aug

**Chairs:** Fabienne Crettaz von Roten, Observatoire Science, Politique et Société, University of Lausanne; Niels Mejlgaard, Aarhus University

#### **Participants:**

The Gallic Village? Identity projects and Austrian responses to Fukushima. Nicole Kronberger, Johannes Kepler University

Reconsideration of Modern Rationalism and Technological Versatile Principle after FUKUSHIMA. Tetsu Ueno, Oyama National College of Technology

Impact of Fukushima in Switzerland: media coverage, public opinion and electoral behavior. Fabienne Crettaz von Roten, Observatoire Science, Politique et Société, University of Lausanne

Notes from the debris field: participatory recovery planning in Tohoku. Tyson Vaughan, Cornell University

# 126. (96) In search of "lines of flights" in/for/to/from Latin America - I

9:00 to 10:30 am Kilen: K143

**Chair:** Ivan da Costa Marques, Universidade Federal do Rio de Janeiro **Participants:** 

Agricultural biotechnology and seed companies in Argentina: unintended consequences of the commercialization of science. Ana Maria Vara, Universidad Nacional de San Martin; Federico Vasen, Universidad de Quilmes; Agustin Piaz, Universidad Nacional de San Martin

Agrobiotechnology versus Agroecology: the role of women in Brazil and the potential for epistemic and sociotechnical contestation. Márcia Maria Tait Lima, Universidade Estadual de Campinas - UNICAMP/Brazil; Vanessa Maria Brito de Jesus, Universidade Estadual de Campinas - UNICAMP/Brazil; Renato Peixoto Dagnino, Universidade Estadual de Campinas - UNICAMP/Brazil

The cultural context of "superfood": Açaí in Brazil and Hawaii. Ivone Manzali de Sá, National Museum of Rio de Janeiro/UFRJ; University of Hawaii

The Story of AR in Mexico: The Birth of an Industry. Sandra P. Gonzalez-Santos, Universidad Nacional Autonoma de Mexico, Instituto de Investigaciones Filosoficas

## 127. Models and modelling - I

9:00 to 10:30 am Kilen: K146

Chair: Mette N Svendsen, University of Copenhagen

#### **Participants:**

Thinking through generic preterm biology. Mette N Svendsen, University of Copenhagen

Modeling the Human Through Animal Proxies in Experimental Laboratory Science. Sharp Lesley A., Barnard College, Columbia University

How to assemble a monogamous rodent. Promiscuity, paternal care and other model behaviour in the biography of the Microtus

#### SCIENTIFIC PROGRAM

ochrogaster. Nicholas Stücklin, Laboratoire de sociologie, Université de Lausanne

**Encountering pig patients and pig personalities.** Vibeke Pihl, University of Copenhagen

Modelling Kinship: Donor Siblings, Genetic Relations and Family Life Online. Carrie Friese, London School of Economics and Political Science

**Discussants:** Andreas Roepstorff, CFIN; Jacob Metcalf, University of California, Santa Cruz

### 128. Sound studies: Technology and displacements

9:00 to 10:30 am Kilen: K150

Chair: Joseph Michael Guisti, Northwestern University

### **Participants:**

Bending/Hacking/Breaking: The politics of figuring out how stuff works. Joseph Michael Guisti, Northwestern University

Indirect users and digital audio technologies. Eliot Bates, Cornell University

Hearing Taste: Computer Audition and Automatic Recommendation. Nicholas Seaver, University of California, Irvine

Sound, Music, and Technoaesthetic Value in Experimental Musical Instruments. Lauren Flood, Columbia University

Found in translation: How music experts turn sound into evidence in the courtroom. Michael S Mopas, Carleton University; Amelia Curran, Carleton University

**Discussant:** Trevor Pinch, Cornell University

# 129. (05) Designing global health technologies in the Global South - I

9:00 to 10:30 am Kilen: Ks43

**Chairs**: Norman Schräpel, Institute of Anthropology and Philosophy, MLU Halle-Wittenberg; Richard Rottenburg, MPI Social Anthropology/University of Halle

#### **Participants:**

**Short Panel Introduction by the Organizers.** Norman Schräpel, Institute of Anthropology and Philosophy, MLU Halle-Wittenberg; Richard Rottenburg, MPI Social Anthropology/University of Halle

Counting, Reading, Sensing – The politics of standards and the (re-)shaping of diagnostic space in Uganda. René Umlauf, University of Bayreuth

Innovating tuberculosis diagnostics: Tracing attempts from global to local sites. Nora Engel, Maastricht University

Developing and implementing a new vaccine in sub Saharan Africa. Janice E Graham, Dalhousie University

### 130. (90) The social life of organization theory - I

9:00 to 10:30 am Kilen: Ks48

Chairs: Signe Vikkelsø, Copenhagen Business School; Karen Boll, Copenhagen Business School; Paul du Gay, Copenhagen Business School

#### **Participants:**

How and why did 'task' disappear in organization theory? Signe Vikkelsø, Copenhagen Business School; Paul du Gay, Copenhagen Business School

Organizing core tasks. Karen Boll, Copenhagen Business School

Men and machines. Aligning management and the human factor. Maarten Derksen, University of Groningen

Disciplinary intention: Genesis of a French school of organizational sociology (1960-1970). Alexandre Paulange-Mirovic, Université Paris-Dauphine, Paris

#### SCIENTIFIC PROGRAM

Leadership development programmes as social technologies coupling organization theory and practice. Morten Knudsen, Department of Organization, CBS

# 131. (13) STS and the socio-material constitution of later life - ${\sf I}$

9:00 to 10:30 am

Kilen: Ks54

**Chairs:** Alexander Peine, Utrecht University; Alex Faulkner, King's College London; Birgit Jaeger, Roskilde University; Ellen Moors, Innovation Studies, Copernicus Institute, Utrecht University, NL

#### **Participants:**

Introduction to the Sessions: The Socio-material constitution of later life. Alexander Peine, Utrecht University; Alex Faulkner, King's College London; Birgit Jaeger, Roskilde University; Ellen Moors, Innovation Studies, Copernicus Institute, Utrecht University, NL

Welfare technology innovation and the social constitution of ageing. Lene Otto, University of Copenhagen; Aske Juul Lassen, CEHA, UNiversity of Copenhagen; Julie Boennelycke, CEHA, UNiversity of Copenhagen

Designing for an imagined user: energy-efficient older-people's housing. Alan Lewis, University of Manchester; Ralf Brand, The University of Manchester

Thermostats and Telecare: tensions between choice and care in technological design for older people. Louis Neven, Utrecht University; Sam Brown, Lancaster University

Active aging with(out) technology at home and beyond. Juan C. Aceros, Universitat Autònoma de Barcelona; Jeannette Pols, Amsterdam Medical Centre; Miquel Domènech, Universitat Autònoma de Barcelona

# 132. (26) Future energy infrastructures: aspects of design and resilience - I

9:00 to 10:30 am Kilen: Ground floor - Ks71

Chair: Gerhard Fuchs, University of Stuttgart

### **Participants:**

Conflicts over the extension of the German power grid. Mario Neukirch, University of Stuttgart Re-designing energy infrastructures: local initiatives in Germany. Nele Hinderer, University of Stuttgart

Grid Reinforcement for Power System Transformation - Design Controversies and Restrictions. Doerte Ohlhorst, Berlin Free University

Adoption of Sustainable Energy Technologies in London. Anne-Marie Coles, Geenwich University Business School; Athena Piterou, Brunel University; Audley Genus, Kingston University

Reconfiguring international energy trade for a renewable future. Jessica Crivelli, University of Zurich, Institute for International Studies

# 133. (58) STS perspectives on patient safety and quality improvement in health care - I

9:00 to 10:30 am Solbjerg Plads: SP112

**Chairs:** Jessica Mesman, Maastricht University; Roland Bal, Erasmus University Rotterdam; Johan M. Sanne, Linkoping University

### **Participants:**

Patient safety and organizational learning: With or without experience? Kirstine Zinck Pedersen, Copenhagen Business School, Department of Organization

From observation to learning and improving quality. Annemiek Stoopendaal, phd

Patients know better. Narrative learning from patient experiences to improve hospital care. Stans van Egmond, Rathenau Institute;

#### SCIENTIFIC PROGRAM

Marjolijn Heerings, Rathenau Institute; Anneke M. Sools, University of Twente

Tracing Integration Techniques. Miao Liao, Tsinghua University

# 134. (46) Mediated practice: insights from STS, critical theory and media theory - I

9:00 to 10:30 am Solbjerg Plads: SP113

**Chairs:** Anne Beaulieu, University of Groningen; Annamaria Carusi, University of Copenhagen; Aud Sissel Hoel, Department of Art and Media Studies, Norwegian University of Science and Technology; Sarah de Rijcke, Centre for Science and Technology Studies, Leiden University

### **Participants:**

Representing Functional Neuroimaging: An Interdisciplinary Journey through Analysis and Practice. Louise Emma Whiteley, Medical Museion, University of Copenhagen

**Public-formatting technologies and their displacement.** Andreas Birkbak, University of Copenhagen

A Popular Culture Perspective on Stephen Hawking's "A Brief History of Time". Mircea Sava, University of Bucharest

If you look like your passport photo, you are too sick to travel: conflicting photography paradigms. Liv Hausken, University of Oslo

Imprinting terror: Kittler, terrorism and the affordances of printing technology. Mats Fridlund, University of Gothenburg & University of Copenhagen

# 135. (79) On the road: journeys of innovations and prospects - I

9:00 to 10:30 am Solbjerg Plads: SP114

Chair: Kornelia Elke Konrad, University of Twente

### **Participants:**

Space travel: constructing and contesting a solar photovoltaic (PV) niche in the UK (1970-2012). Adrian Smith, University of Sussex; Florian Kern, University of Sussex; Rob Raven, Eindhoven University of Technology; Bram Verhees, Eindhoven University of Technology

Prospects for solar technology: the role of demonstration projects. Raimo Lovio, Aalto University, Helsinki; Eva Heiskanen, National Consumer Research Centre

Exploring the role of environmental discourses in the twists and turns of innovation journeys. Per-Anders Langendahl, Open University; Matthew Cook, Open-University; Stephen Potter, Open-University

The Trajectory Is on the Map, but We Miss the Pathways. Tommaso Ciarli, SPRU, University of Sussex; Ismael Rafols, University of Sussex; Daniele Rotolo, SPRU-Science and Technology Policy Research, University of Sussex

# 136. Making science public? Design and displacement in the context of science/public engagement

9:00 to 10:30 am Solbjerg Plads: SP205

Chair: Sujatha Raman, University of Nottingham

#### **Participants:**

Convening Public Science: Regimes of Publicity and the role of STS. Sujatha Raman, University of Nottingham

Latour's' 'new collectives' as a radical mode of engagement for making science public. Judith Tsouvalis, Lancaster University

**Anticipatory Governance as a form of making science public.** David H. Guston, Arizona State University

Exploring the abilities of 'engagement tools' and their users in biofuel research. Robert Smith, University of Nottingham

#### SCIENTIFIC PROGRAM

# 137. (51) Hacking STS: bio-hacking, open hardware development, and hackerspaces - I

9:00 to 10:30 am Solbjerg Plads: SP207

Chairs: Johan Söderberg, LATTS/IFRIS ParisTech; Alessandro Delfanti, University of Milan; Eric Deibel, Institut Francilien Recherche Innovation Société (IFRIS-CEPN)

### **Participants:**

**Biohacking and the meanings of openness in the life sciences.**Alessandro Delfanti, University of Milan

Practicing Science Without a License: DIY-BIO as Feminist Science? Clare Jen, Denison University

Reinventing the device – socio-technical systems in Afghanistan. Melanie Stilz, Dublin City University

Synthetic DNA and Open Source: an alternative to the commodification of life? Eric Deibel, Institut Francilien Recherche Innovation Société (IFRIS-CEPN)

Automating amatuers. Johan Söderberg, LATTS/IFRIS ParisTech

## 138. (19) A scripted emergence for life? - III

9:00 to 10:30 am Solbjerg Plads: SP208

**Chairs:** Rebecca Ellis, Lancaster University; Claire Waterton, Centre for the Study of Environmental Change (CSEC), Department of Sociology, Lancaster University

### **Participants:**

**Underground life: Drills, rocks and biological activity.** Filippo Bertoni, Universiteit van Amsterdam

**Biodiversity soup and sensing ambiguous signs of life.** Rebecca Ellis, Lancaster University

Statistics from the Fringe to the Forefront: Investigating the Molecular Boundaries for Health and Disease. Nadine Levin, Oxford University

Design through displacement: Understanding life in the digital age. Sabina Leonelli, University of Exeter

# 139. (82) Ethnography of socio-material collaborations - I

g:00 to 10:30 am Solbjerg Plads: SP210

**Chairs:** Katharina E. Kinder, Lancaster University; Petra Ilyes, Goethe University Frankfurt am Main

### **Participants:**

The Field Site as a Tool: Insights in Privacy Protection Mechanisms of OSN Users. Andreas Kramm, Departement of Cultural Anthropology and European Ethnology at Goethe University, Frankfurt am Main; Andreas Poller, Fraunhofer Institute for Secure Information Technology SIT, Darmstadt

Wiki-based Networks and Communities of Practice in Cultural Heritage. dagny stuedahl, InterMedia, University of Oslo; Anders Mørch, University of Oslo

**Co-designing an online learning environment.** Petra Ilyes, Goethe University Frankfurt am Main

Collaborative Re-Articulations: Ethnography of Information Practices in Educational Research. Christoph Schindler, German Institute for International Educational Research (DIPF)

Keeping Players in the Game. Mediations and Management of Heterogeneity in the Users-Producers Relationship. Vinciane Zabban, LATTS - Paris Est University

#### SCIENTIFIC PROGRAM

### 140. (86) Displacement and classification

9:00 to 10:30 am Solbjerg Plads: SP212

**Chairs:** Daniel Bischur, University of Trier, Germany; Stefan Nicolae, University of Trier

#### **Participants:**

A praxiography on the making of pre-trial psychiatric reports. Hilde Tjeerdema, Rijksuniversiteit Groningen

Becoming a 'pre-symptomatic' patient. Tabea Eißing, Sociology

Displaced Legitimacy - pain and practices in health care action. Lena Eriksson, University of Gothenburg; Kyra Landzelius, LIME, Karolinska Institutet

The medical expertise of patients' complaints lodged within the mechanism for out-of-court settlements created by the French law (4/03/2002). Using classificatory tools and being a classificatory practice? Winance Myriam, INSERM; Barbot Janine, INSERM; Parizot Isabelle, CNRS

Constructing the Market for Traditional Medicine in Burkina Faso: Transitions and Continuity in Practices of Displacement. Natewinde Sawadogo, The University of Nottingham

# 141. (38) Energy, practice and personal lives: design and displacement in the everyday - I

9:00 to 10:30 am Solbjerg Plads: SP213

Chair: Catherine Butler, Cardiff University

#### **Participants:**

Stacking wood and staying warm: The rhythms of domestic woodbased heating practices. Jenny Rinkinen, Aalto University School of Economics; Mikko Jalas, Aalto University School of Economics

Energy Consumption, Biography and Self Design. Karen Henwood, Cardiff University; Catherine Butler, Cardiff University; Karen Parkhill, Cardiff University; Fiona Shirani, Cardiff University; Nick Pidgeon, Cardiff University; Tom Roberts, Kingston University; Kevin Burchell, Kingston University

Energy Autonomy: The Example of a bioenergy village in Southern Germany. Franziska Sperling, University of Frankfurt

**The Social Life of Energy.** Tom Roberts, Kingston University; Kevin Burchell, Kingston University

# 142. (59) "This planet is doomed": on the entanglements of science fiction and technoscientific artifacts - I

9:00 to 10:30 am Solbjerg Plads: SP214

Chair: Michael Bennett, Northeastern University School of Law

### **Participants:**

A design for living: metaleptic devices and trends of gnostic imagination in contemporary science-fiction. Frederic Claisse, University of Liège

**Open Futures: From Monopoly to Engagement.** Robert Dingwall, Dingwall Enterprises; Murray Goulden, University of Nottingham; Stuart Reeves, University of Nottingham

New Hope for the Dead: Changing Visions of Apocalypse in Science Fiction Cinema. Langdon Winner, Rensselaer Polytechnic Institute

**Epic facts. The rhetoric of evolution in Weimar school books.** Constance Sommerey, Maastricht University

143. (85) Unruly matters - the queer side of things - I 9:00 to 10:30 am Solbjerg Plads: SP216

#### SCIENTIFIC PROGRAM

**Chairs:** Sebastian Mohr, Centre for Medical Science and Technology Studies, University of Copenhagen; Marie-Louise Holm, Tema Genus, Linköpings universitet

#### **Participants:**

STS and Sexuality: Why the silence? Georgina Voss, Faculty of Arts, University of Brighton; Simon Jay Lock, UCL

Mobile Flirting in "Gay- Smartphone- Partnerships". Thomas Josef Heid, Ludwig- Maximilians- University Munich (LMU)

The queer seed - Explorations of the mattering of sperm. Sebastian Mohr, Centre for Medical Science and Technology Studies, University of Copenhagen

Queer ageing and norms of success: Successful ageing through the perspective of the monstrous. Morten Hillgaard Bülow, Medical Museion and Center for Healthy Aging, University of Copenhagen

## 144. (09) Care in a self-managed world - I

9:00 to 10:30 am Solbjerg Plads: SPso3

Chairs: Ger Wackers, Narvik University College; Ingunn Moser, Diakonhjemmet University College; Hilde Thygesen, Diakonhjemmet University College

#### **Participants:**

Care@distance: new in/dependencies in the care collective. Ingunn Moser, Diakonhjemmet University College; Hilde Thygesen, Diakonhjemmet University College

Person-Centred Care and the New Management of Illness in Sweden. Doris Linnéa Lydahl, University of Gothenburg, Department of Sociology and Social Work

**Designing for Discipline.** Bethany Hipple Walters, Erasmus University

Calculating good care – the distribution of competence in an economized health care setting. Lydia-Maria Ouart, Department for European Ethnology, Humboldt University Berlin, Germany

Letting stories breathe: narrative and experience of asthma. Ana Filipa Queirós, Centre for Social Studies, Associate Laboratory of University of Coimbra; Joao Arriscado Nunes, CES University of Coimbra; Carlos da Silva Barradas, Centre for Social Studies of the University of Coimbra; Rita Serra, Centre for Social Studies

### 145. The properties of materials and the ownership of things

9:00 to 10:30 am Solbjerg Plads: SPs07

**Chairs:** Javier Lezaun, Institute for Science, Innovation and Society, University of Oxford; Fernando Dominguez, NYU

### **Participants:**

**Partial possessions and the evanescent materiality of media-art.** Fernando Dominguez, NYU

Dissecting "Archival bodies": Extracting and Editing Historical Documents. Mario Wimmer, ETH Zurich

**Insect matters and the metamorphosis of property.** Javier Lezaun, Institute for Science, Innovation and Society, University of Oxford

Social Movements as Epistemic Communities: The Case of FINR-RAGE. Stevienna de Saille, University of Leeds

### 146. Studies of expertise and experience: SEE and the third wave (Part I)

9:00 to 10:30 am Solbjerg Plads: SPs08

### **Participants:**

Probes versus surveys and the methodology of the social sciences. Harry Collins, Cardiff University

Jedi Mind Tricks: Professional Tacit Knowledge Transfer in Medical Education. Alexandra Vinson, University of California, San Diego

#### SCIENTIFIC PROGRAM

Interactional expertise and collaboration between paleoceanographers and paleo-modellers. Tiago R Duarte, Cardiff University Discussant: Robert Evans, Cardiff University

### 147. (77) Urban assemblages and cosmopolitics: contributions for an ongoing debate - III

9:00 to 10:30 am Solbjerg Plads: SPs10

Chairs: Anders Blok, Copenhagen University; Ignacio Farias, Social Science Research Center Berlin

### **Participants:**

The urban thing. Urban agency and purification in a long term perspective. Bert De Munck, Centre for urban History, University of Antwerp

Small businesses in the city: assembling the commercial urban space. Alexandre Mallard, Centre de Sociologie de l'Innovation. Ecole des Mines ParisTech

"Additive" as analytical concept and actant for advocacy. Studying movie-making urban agents in Gothenburg. Joakim Forsemalm, Gothenburg Research Institute, Gothenburg University

On site and en route: Urban assemblage and the articulation of the prehospital emergency arena. Yutaka Yoshinaka, Technical University of Denmark; Signe Pedersen, DTU Management Engineering

Constructing the Main Artery of Urban Gray Assemblages: A Case Study of the Seoul Metropolitan Railway. Sung Won Kim, Seoul National University

### 148. (73) Critical studies of interdisciplinarity - I

9:00 to 10:30 am Solbiera Plads: SPs12

Chair: Mathieu Albert, University of Toronto

### **Participants:**

Knowledge Ecologies and "Supple" Objects in Interdisciplinary Gender Research. Christine Virginia Wood, Northwestern University

Boundary-Blurring Work: Designing Computer Science as an (Inter)discipline. Janet Abbate, Virginia Tech

Accomplishing interdisciplinarity: regimes of practice in the production of knowledge. Susan Molyneux-Hodgson, University of Sheffield

Constructing interdisciplinary identities in science magazines: Visions and expectations. Carlos Adrian Cuevas Garcia, University of Nottingham

### 149. (40) The construction of social computing: design and displacement of hybrid relationships

9:00 to 10:30 am Solbjerg Plads: SPs13

**Chairs:** Maurizio Teli, Ahref Foundation; David Hakken, School of Informatics, Indiana University Bloomington; Vincenzo D'Andrea, University of Trento

### **Participants:**

Communities of Innovation and Social Software: Lessons from PLATO. Guillaume Latzko-Toth, Université Laval; Steve Jones, University of Illinois at Chicago

Social media and self-evaluation: On numbers, data and temporalities. Carolin Gerlitz, Goldsmiths, University of London

Dwarfs without giants? Decentralisation and re-centralisation in Internet-based services. Francesca Musiani, Mines ParisTech

Scanning the Social Brain? the emerging use of web-based visualizations as tools for social exploration. Anders Koed Madsen, Copenhagen Business School

#### SCIENTIFIC PROGRAM

### 150. (55) War and the human: innovations and interventions - I

9:00 to 10:30 am Solbjerg Plads: SPs14

Chair: Kenneth MacLeish, IHHCPAR, Rutgers University

### **Participants:**

"Resiliency" and the Problem of Soldierly Personhood. Kenneth MacLeish, IHHCPAR, Rutgers University

Warring Identities: American Veterans Making Sense of Postwar Identity and Health. R. Tyson Smith, Brown University; Gala True, Center for Health Equity Research

**Design and displacement in the military-entertainment complex.** Lucy Suchman, Lancaster University

Dangerous games: the role of videogames in shaping American military culture. Alcides Eduardo dos Reis Peron, Campinas State University; Rafael Dias, Campinas State University

Mors ex Machina: On Autonomous Systems and the Rules of War. Theo Vurdubakis, Lancaster University; Brian Peter Bloomfield, Lancaster University

### 151. (67) Technologies of the self - I

9:00 to 10:30 am Solbjerg Plads: SPs16

Chair: Christopher Salter, Concordia University

### **Participants:**

Technologies of the self and nonmodern ontologies: the cases of meditation and cybernetics. Antonio Carvalho, University of Exeter; Andrew Pickering, University of Exeter

Biopower in the Age of Well-Being: The Ontology of Mindfulness Practice. Francis Mckay, University of Chicago

**Pharmaceuticals and Technologies of Self/Control.** Scott Vrecko, University of Exeter

Neoliberalism, Psychiatric Pharmaceuticals, and Ideal Selfhood. Michelle Dillon, University of Washington

**Brain Technologies of the Self.** Jonna Brenninkmeijer, University of Groningen

### 152. Meaning-making and political displacements through the "Internet of Things"

11:00 to 12:30 pm Solbjerg Plads: D.2.20

Chair: Dawn Nafus, Intel Labs

### **Participants:**

Public Laboratory for Open Technology and Science: Civic Science Engagement as Grassroots Advocacy. Shannon Dosemagen, Public Laboratory for Open Technology and Science; Sara Wylie, Massachusetts Institute of Technology

The Internet of Things and the Negotiation of Space. Ilze Black, School of Electronic Engineering and Computer Science

From Data Aggregation towards Behavioral Change: politicalphilosophical assumptions of IoT. Dorien Zandbergen, Leiden University, Leiden, The Netherlands

### 153. Deliberating Nordic science, reconfiguring Nordic democracy - II

11:00 to 12:30 pm Solbjerg Plads: D.4.39

**Chairs:** Alison Cool, New York University; Amelie Hoshor, University of Gothenburg

**Participants:** 

#### SCIENTIFIC PROGRAM

The Icelandic Database Project and Scientific Citizenship. Vilhjálmur Árnason, University of Iceland

Sensing the remote North: Satellite technology, science and state procurement. Nina Wormbs, Royal Institute of Technology

Policy negotiation and argumentation in Finnish debates around energy technologies and green innovation. Tuula Teräväinen, University of Helsinki

**Discussant:** Kristin Asdal, Centre for technology, innovation and culture (TIK), University of Oslo

### 154. STS engagements with Science Centers: Bringing broader implications to the museum floor

11:00 to 12:30 pm Solbjerg Plads: D4 Aug

Chair: Jameson Wetmore, Arizona State University

### **Participants:**

The Intersection of Science and Society: Museum-research center partnerships engaging the public in conversations about nanotechnology and society. Brad Herring, Museum of Life and Science, Durham. NC

Whose Nano is it Anyway? Exploring the equity implications of nanotechnology through an interactive game. Jameson Wetmore, Arizona State University

Engaging with Environmental Policy at Zoos: the Science, Policy and Citizenship Program on Biodiversity. Ira Bennett, Arizona State University

Nano and Society: training museum staff to engage in conversations. Rae Ostman. Sciencenter. Ithaca. NY

### 155. (96) In search of "lines of flights" in/for/to/from Latin America - II

11:00 to 12:30 pm Kilen: K143

Chair: Ivan da Costa Marques, Universidade Federal do Rio de Janeiro

### **Participants:**

Designing curriculum, displacing knowledge: A postcolonial technoscientific approach to circulation of theories. Leandro Rodriguez-Medina, Universidad de las Americas Puebla

Occupational Therapy and the productivist way of life: contributions to creating lines of flight. Elizabeth Maria Freire de Araújo Lima, University of São Paulo

The leeway for construction offered American laptops in Nigeria. Lars Bo Andersen, Aarhus University

Taking a 'Southern Mindset' Seriously: New Directions for Studies of National Innovation Systems. Pierre Delvenne, Université de Liège (SPIRAL); François Thoreau, University of Liège

Western scientific circumscriptions and freedoms of action in Latin America. Ivan da Costa Marques, Universidade Federal do Rio de Janeiro

### 156. Models and modelling - II

11:00 to 12:30 pm Kilen: K146

**Chairs:** Mette N Svendsen, University of Copenhagen; Carrie Friese, London School of Economics and Political Science

### **Participants:**

Wireless patients and their doubles. Julie Christina Grew, University of Copenhagen

"Efficiency," "Fit," and the Clinical "Real" in Standardized Patient Scenarios. Janelle S. Taylor, University of Washington

#### SCIENTIFIC PROGRAM

Mid-nineteenth century healing electricity: redesigning nature through the medical body. Christian Carletti, Sphere, CNRS - University Paris Diderot 7

Designing Health Care: Early Telemedicine and the US Health Care System. William Arthur Craige, Durham University

**Discussants:** Jacob Metcalf, University of California, Santa Cruz Andreas Roepstorff, CFIN

## 157. From here to eternity: Socio-technical challenges to managing radioactive waste for the long term

11:00 to 12:30 pm Kilen: K150

Chair: Anne Bergmans, University of Antwerp

### **Participants:**

Socio-technical challenges to geological disposal: insights from a comparative review of 14 national contexts and an agenda for research. Peter Simmons, University of East Anglia; Catharina Landstrom, University of East Anglia; Anne Bergmans, University of Antwerp

Conflictual issues in nuclear waste disposal as discussed in major print-media in Germany and Switzerland –the development of a societal problem, 2001-2010. Sophie Kuppler, Karlsruhe Institute of Technology

Social learning and confidence in long-term radioactive waste management: the safety case and double loop learning. Bettina Brohmann, Oeko-Institut; Beate Kallenbach, Oeko-Institut; Anne Minhans, Oeko-Institut

The making and sustaining of stakeholders and democratic closure in nuclear waste management. Linda Soneryd, Score (Stockholm Centre for Organizational Research)

Managing uncertainty: socio-technical challenges of geological disposal in Finland. Anna Matilda Nurmi, University of Jyväskylä; Matti Kojo, University of Tampere, Finland; Tapio Litmanen, University of Jyväskylä, Finland

### 158. (05) Designing global health technologies in the Global South - II

11:00 to 12:30 pm Kilen: Ks43

**Chairs:** Norman Schräpel, Institute of Anthropology and Philosophy, MLU Halle-Wittenberg, Richard Rottenburg, MPI Social Anthropology/University of Halle

### **Participants:**

Contested knowledge: medicine and law in postcolonial Korea. EunJeong Ma, Pohang University of Science and Technology

Constituting cancer genetics, public health and clinical need in Brazil. Sahra Gibbon, University College London

Health promoting improved cookstoves: Co-creation in the Global South. Signe Pedersen, DTU Management Engineering; Rikke Premer Petersen, Aalborg University

Copenhagen Globalizing Quality – exploring Danish "Pratical Diabetology" at work in Indonesia. Annegrete Juul Nielsen, University of Copenhagen; Henriette Langstrup, University of Copenhagen

### 159. (90) The social life of organization theory - II

11:00 to 12:30 pm Kilen: Ks48

Chairs: Signe Vikkelsø, Copenhagen Business School; Karen Boll, Copenhagen Business School; Paul du Gay, Copenhagen Business School

#### SCIENTIFIC PROGRAM

### **Participants:**

Set your creative forces free! The liberated body as a hybrid managerial tool. Bent Meier Sørensen, Copenhagen Business School; Kaspar Villadsen, Copenhagen Business School

A non foundational study of organizing devices in nascent companies. Juan Felipe Espinosa Cristia, University of Leicester

Tensions and contradictions of the concept of organization as applied to universities: the case of USP-east. Maria Caramez Carlotto, Universidade de São Paulo; Sylvia Gemignani Garcia, Universidade de São Paulo

Socio-technical standards and the notion of patient-centred care. Laura Lippert, Research Unit of General Practice, KU

The Inquiry into the Interactive Relationship between Bureaucracy and ICT (Information and Communication Technlogy). Wanki Paik, The National Academy of Sciences, Republic of korea; Seoyong Kim, Ajou University

### 160. (13) STS and the socio-material constitution of later life - II

11:00 to 12:30 pm Kilen: Ks54

Chairs: Alexander Peine, Utrecht University; Alex Faulkner, King's College London; Birgit Jaeger, Roskilde University; Ellen Moors, Innovation Studies, Copernicus Institute, Utrecht University, NL

### **Participants:**

Engineering the Fitness of Older Cancer Patients for Chemotherapy. Peta S Cook, University of Tasmania, School of Sociology and Social Work; Alexandra McCarthy, Cancer Services Southern Clinical Network; Queensland University of Technology, School of Nursing and Midwifery; Patsy Yates, Queensland University of Technology, School of Nursing

Futures of Alzheimer's Disease and early diagnostics: comparing two anticipatory practices. Yvonne Cuijpers, Utrecht University; Harro Van Lente, University Utrecht; Ellen Moors, Innovation Studies, Copernicus Institute, Utrecht University, NL; Anna Laura Van der Laan, Twente University

**Experiencing aging through ICT.** Tiina Helena Suopajärvi, University of Oulu

Participatory Technology Development for the Elderly: The Odd Phenomenon of Bending User-Expertise into a Non-User-Orientated Engineering-Resource. Diego Compagna, University of Duisburg-Essen, Faculty of Social Sciences

The elderly women farmers who outwit preconceived ideas of aging. Yasuko Kawatoko, Daito Bunka University

### 161. (26) Future energy infrastructures: aspects of design and resilience - II

11:00 to 12:30 pm Kilen: Ground floor - Ks71

**Chair:** Gerhard Fuchs, University of Stuttgart

### **Participants:**

Contested rivers: Dam(n) policymaking in China. Louise Lyngfeldt Gorm Hansen, Copenhagen Business School, Asia Research Center/ Sino-Danish Center for Education and Research

Same Technology, Different Outcomes: The Case of Waste-to-Energy Incinerators in the United States. Jordan P Howell, Michigan State University

Transformative Governance in Energy Infrastructures: Carbon Caption Storage and Photovoltaics. Gerhard Fuchs, University of Stuttgart

Decentering Consensus & Linear Rationality in Public Engagement with Science and Technology. Edwina Barvosa, Center for Nanoscience and Society, UC Santa Barbara

#### SCIENTIFIC PROGRAM

### 162. (58) STS perspectives on patient safety and quality improvement in health care - II

11:00 to 12:30 pm Solbjerg Plads: SP112

**Chairs:** Jessica Mesman, Maastricht University; Roland Bal, Erasmus University Rotterdam; Johan M. Sanne, Linkoping University

### **Participants:**

Invisible work: a resource for patient safety. Julia Quartz, University of Rotterdam Follow-the-practice: an approach to improve patient safety? Jessica Mesman, Maastricht University

Safe medication both for patients and practitioners? On patient safety through design and STS. Ana Maria d'Auchamp, Danish Technological Institute; Yutaka Yoshinaka, Technical University of Denmark

Redesigning responsibility: Hepatitis C prevention in sexual partnerships. Suzanne Fraser, University of NSW, Australia; Carla Treloar, National Centre in HIV Social Research, University of New South Wales

### 163. (46) Mediated practice: insights from STS, critical theory and media theory - II

11:00 to 12:30 pm Solbjerg Plads: SP113

Chairs: Anne Beaulieu, University of Groningen; Annamaria Carusi, University of Copenhagen; Aud Sissel Hoel, Department of Art and Media Studies, Norwegian University of Science and Technology; Sarah de Rijcke, Centre for Science and Technology Studies, Leiden University

### **Participants:**

**Dreamwork, compositionism and design: toward a multi-sensorial materialism in technoscience.** Cameron Michael Murray, York University; Alasdair McMillan, York University

The Medium is the Measure. Aud Sissel Hoel, Department of Art and Media Studies, Norwegian University of Science and Technology Blinks and Blips: EEG and the Recalcitrant Body. Sarah Ann Klein, University of California, San Diego

Inside and Outside the Black Box – Epistemological Interrelations in Medical Software. Kathrin Friedrich, Academy of Media Arts Cologne

"Nature" in the Expanded Field: Limits of Anthropomorphism. Max Liljefors, Lund University

### 164. (79) On the road: journeys of innovations and prospects - II

11:00 to 12:30 pm Solbjerg Plads: SP114

Chair: Lise Bitsch, University of Twente

### **Participants:**

Creating designs as effective boundary objects in innovation journeys? Severine van Bommel, Wageningen University; Laurens Klerkx, Wageningen University; Bram Bos, Wageningen UR

Livestock Research The transformative journey of a product idea and the stabilising role of particular knowledge objects. Liv Gish, Technical University of Denmark, DTU Management,; Chistian Clausen, Aalborg University Copenhagen

Promises and Practices: Press, Pennies and Power in Canada's Genomics Sector. Ellen Balka, Simon Fraser University

Negotiating expectations in the encounter between genomics and common disease research. Lise Bitsch, University of Twente; Kornelia Elke Konrad, University of Twente

Conferences: A Bricolage of Technology Configuring Events. Hajar Mozaffar, University of Edinburgh

#### SCIENTIFIC PROGRAM

### 165. Back to the future: why should we promote public engagement with science?

11:00 to 12:30 pm Solbjerg Plads: SP205

Chair: Simon Jay Lock, UCL

**Discussants:** Brian Wynne, University of Lancaster; Sheila Jasanoff, Harvard University; Alan Irwin, Copenhagen Business School; David H. Guston, Arizona State University; Maja Horst, University of Copenhagen

### 166. (51) Hacking STS: bio-hacking, open hardware development, and hackerspaces - II

11:00 to 12:30 pm Solbjerg Plads: SP207

Chairs: Johan Söderberg, LATTS/IFRIS ParisTech; Alessandro Delfanti, University of Milan; Eric Deibel, Institut Francilien Recherche Innovation Société (IFRIS-CEPN)

### **Participants:**

Can Your Grandmother Use it?: Hackers becoming Entrepreneurs. Zane Kripe, Leiden University

Cultivating a creative workforce: Making innovation in a Shanghai hackerspace. Silvia Lindtner, University of California, Irvine

**Is an FBI agent a DIY biologist as any other?** Tocchetti Sara, London School Of Economics; Sara Angeli Aguiton, CSO Sciences Po CNRS

Mobile phone repair networks in Kampala, Uganda: the role of 'hackers'. Lara Houston, Lancaster University

### 167. (19) Re-shaping, reclassifying, unsettling, life - IV

11:00 to 12:30 pm Solbjerg Plads: SP208

**Chairs:** Rebecca Ellis, Lancaster University; Claire Waterton, Centre for the Study of Environmental Change (CSEC), Department of Sociology, Lancaster University

### **Participants:**

**Do-it-yourself biology: domesticating biology through creative workarounds.** Morgan Meyer, Ecole des Mines de Paris - ParisTech

**Engineering life: Synthetic biology and the order of things.** Emma Frow, University of Edinburgh

Back to "ontological politics" – Revisiting the dynamics of definitional struggles on GMO's in Europe. Pierre-Benoît Joly, INRA; Marc Barbier, INRA, UR1326 Sciences en Société, F-77420 Champssur-Marne, France

Making meat informed: the trace of survival. Nick Bingham, The Open University; Stephanie Lavau, University of Exeter

### 168. (82) Ethnography of socio-material collaborations - II

11:00 to 12:30 pm Solbjerg Plads: SP210

**Chairs:** Katharina E. Kinder, Lancaster University; Petra Ilyes, Goethe University Frankfurt am Main

### **Participants:**

**Designing Security: Socio-Technical Border Arrangements.** Sebastian Sierra Barra, Goethe University Frankfurt

Working with Nature: Emerging practices of soft coastal protection. Friederike Gesing, University of Bremen

Ethnography of the future: Researching ubiquitous computing for design. Katharina E. Kinder, Lancaster University

Experiences and constraints - patterns of socio-technical interaction. Valentin Janda, Technische Universität Berlin

#### SCIENTIFIC PROGRAM

Cognitive Ethnography: Socio-material relations in a new light. Samuel Tettner, Maastricht University

### 169. (86) Displacement and classification - II

11:00 to 12:30 pm Solbjerg Plads: SP212

**Chairs:** Daniel Bischur, University of Trier, Germany; Stefan Nicolae, University of Trier

### **Participants:**

Surely you're cooking Mr. Feynman! Science in the kitchen and its metaphors. Massimiano Bucchi, Dept of Sociology, University of Trento

Classifying the Unclassifiable. Towards a Sociological Approach to Plastination. Stefan Nicolae, University of Trier

Non-Standardization in Science: Discontinuities in Genomic Taxonomies of Race. Aaron Panofsky, UCLA; Catherine Bliss, Brown University

**Categorizations in Reflecting Animal Experimentation.** Daniel Bischur, University of Trier, Germany

Chimerical Ontologies: On the varied classifications and displacements of 'ethicality'. Lucy Clare Bartlett, Said Business School, University of Oxford

### 170. (38) Energy, practice and personal lives: design and displacement in the everyday - II

11:00 to 12:30 pm Solbjerg Plads: SP213

Chair: Karen Henwood, Cardiff University

### **Participants:**

Exploring sociotechnical imaginaries of electric utilities within the renewable energy transition. Jen Fuller, Arizona State University

Zero emission buildings and development of professional (energy) operation culture: Learning and professional development in operation of large buildings. Helen Jøsok Gansmo, STS, NTNU

Designing Active Demand in electricity systems: co-constructing users and technologies in the home. Dana Abi Ghanem, Tyndall Centre, University of Manchester; Sarah Mander, Tyndall Centre, University of Manchester

Solar Transitions: Policy learning and emerging socio-technical configurations in off-grid solar electricity supply in India. Harald Rohracher, IFZ - Department of Science and Technology Studies, University of Klagenfurt; Kirsten Ulsrud, Department of Sociology and Human Geography, University of Oslo

# 171. (59) "This planet is doomed": on the entanglements of science fiction and technoscientific artifacts - II

11:00 to 12:30 pm Solbjerg Plads: SP214

Chair: Michael Bennett, Northeastern University School of Law

### **Participants:**

The Social Construction of Race in Pre-Golden Age Science Fiction: Smith and Weinbaum. Christopher Leslie, Polytechnic Institute of New York University

Science fiction as resource in lay citizens' talk about nanotechnologies. Claudia Schwarz, University of Vienna

"Fantastic Voyage" and the Construction of a Nanoengineering Discipline. Emily York, University of California, San Diego

Discussion of the characterization of sci-fi films on innovation capacity of science & technology. Yiming Wang, Tsinghua University

#### SCIENTIFIC PROGRAM

### 172. (85) Unruly matters - the queer side of things - II

11:00 to 12:30 pm Solbjerg Plads: SP216

**Chairs:** Sebastian Mohr, Centre for Medical Science and Technology Studies, University of Copenhagen; Marie-Louise Holm, Tema Genus, Linköpings universitet

### **Participants:**

Queer perspectives on neuroscience and psychological studies.
Julian Anslinger, Queer STS - IFZ Graz; Birgit Hofstätter, Queer STS - IFZ Graz; Jenny Käfer, Queer STS - IFZ Graz; Lisa Scheer, Queer STS - IFZ Graz; Anita Thaler, Queer STS - IFZ Graz; Magdalena Wicher, Oueer STS - IFZ Graz

**Interspecies Art.** Desiree Foerster, Heinrich Heine University Duesseldorf

Queer Desiring Machines. Katrin Köppert, Graduate Research Programm "Gender as a Category of Knowledge", HU-Berlin; Patricia Treusch, PhD student Technical University, Berlin/PhD Research Unit: "Gender as a Category of Knowledge", Humboldt-Universität zu Berlin

### 173. (09) Care in a self-managed world - II

11:00 to 12:30 pm Solbjerg Plads: SPs03

**Chairs:** Ger Wackers, Narvik University College; Ingunn Moser, Diakonhjemmet University College; Hilde Thygesen, Diakonhjemmet University College

#### Participants:

Adolescence as medical form of life: looping-effects of reframed notions of health and therapeutic agency. Stefan Reinsch, Charité-Universitätsmedizin Berlin

Visualising self-management: generating, analyzing and making practical use of photographs. Lotte Huniche, University of Southern Denmark; Birthe Dinesen, Aalborg University

From self-management to self-enhancement: the challenges to become an 'autonomous user'. Daniel López, Universitat Oberta de Catalunya; Rocco Bellanova, LSTS- Vrije Universiteit Brussel & CRe-SPo- Facultés universitaires Saint-Louis

Infusion pumps, professional guidelines and self-managed terminal sedation at home. Ger Wackers, Narvik University College

Knowledge, ignorance, and displacement in end-of-life care in Switzerland. Corinna Jung, IBMB

### 174. (64) Challenges in studying technologies of democratization - I

11:00 to 12:30 pm Solbjerg Plads: SPs05

Chair: Christopher Gad, IT-University of Copenhagen

### **Participants:**

Controversies regarding E-Voting & Counting Technologies and the Question of Public Control in Democratic Elections. Randi Markussen, IT University of Copenhagen

Exploring citizenship in the digitalization of the Danish electoral system. Andreas Laumand Christensen, IT University of Copenhagen

Imagining human enhancements. Kjetil Rommetveit, University of Bergen

Pathways to high intensity democracy: Between protests and participatory budgeting devices. Ana Raquel Matos, Centre for Social Studies

### 175. (35) Competing visions of energy systems transitions: contributions to "Smart Grid" - I

11:00 to 12:30 pm Solbjerg Plads: SPso7

Chair: Jennie C. Stephens, Clark University

#### SCIENTIFIC PROGRAM

### **Participants:**

Transformative potential of visions and strategies: ICT firms in the field of smart grid technology. Sabine Erlinghagen, Eawag / ETH; Jochen Markard, Eawag / ETH; Volker Hoffmann, ETH Zurich

The Smart Nirvana: old visions of the new smart energy consumer. Yolande Strengers, RMIT University

Smart Grid Standards: exploring the role of public policy in creating order and reducing diversity. Sachiko Muto, Delft University of Technology, TU Delft, NL

Regional Differentiation of Smart Grid Pilot Projects in the United States. Tarla Rai Peterson, Texas A&M University; Jennie C. Stephens, Clark University; Adrienne Strubb, TAMU; Elizabeth Wilson, University of Minnesota

### 176. Race and genetic variation: Projects and practices in different nations

11:00 to 12:30 pm Solbjerg Plads: SPs08

Chair: Ramya Rajagopalan, University of Wisconsin-Madison

### **Participants:**

How to conceive (dis)continuities of biological race? Tino Plumecke, Frankfurt University, Faculty of Social Sciences, Center for Biotechnologies, Nature, and Society

Confounded Categories: Is the HapMap a Race-based Project? Joan Fujimura, University of Wisconsin

Face and Race in Forensic Identification. Amade M'charek, Universiteit van Amsterdam

National genetic heritage: anti-racist science and the making of difference. Catherine Nash, School of Geography, Queen Mary, University of London

**Engineering Slavery to Cure a Disease Called Freedom.** Darla Thompson, Cornell University

### 177. (77) Urban assemblages and cosmopolitics: contributions for an ongoing debate - IV

11:00 to 12:30 pm

Solbjerg Plads: SPs10

**Chairs:** Anders Blok, Copenhagen University; Ignacio Farias, Social Science Research Center Berlin

### **Participants:**

Copenhagen: urban space and mobility from 1950 to 2050. Andrés Felipe Valderrama Pineda, Technical University of Denmark

Assembling Urban Sustainability: New Urbanism in Coastal California and the Portland Metro. Erik Nielsen, UCSB

Challenging Research on Neighbourhood Images and Urban Development through Assemblage Thinking. Isabelle Schoepfer, University of Fribourg, Switzerland

**Unstable Ground: The Politics of Urban Assemblages.** Austin Zeiderman, Stanford University

### 178. (73) Critical studies of interdisciplinarity - II

11:00 to 12:30 pm Solbjerg Plads: SPs12

Chair: Barbara Prainsack, Brunel University

### **Participants:**

Strategize or Perish: Social Scientists and Humanities Scholars Working in Faculties of Medicine. Mathieu Albert, University of Toronto; Ayelet Kuper, University of Toronto, Wilson Centre; Sarah J Whyte, University of Waterloo

Interdisciplinarity as a rhetorical device in boundary-work. Pia Vuolanto, University of Tampere, Finland

#### SCIENTIFIC PROGRAM

Discourses of interdisciplinarity and the changing topography of higher education: Implications for knowledge-makers. Maria Athina (Tina) Martimianakis, University of Toronto

Neighbourhood, moral economy, and dissident interdisciplinary research. Christine Aicardi, Department of Science and Technology Studies, UCL

### 179. (55) War and the human: innovations and interventions - II

11:00 to 12:30 pm Solbjerg Plads: SPs14

Chair: Kenneth MacLeish, IHHCPAR, Rutgers University

### **Participants:**

Secret Devices of Security Publics. Nisha Shah, University of Ottawa Collateral Damage and the Invention of Technology. Frederik Ferdinand Rosén. Danish Institute for International Studies

Red Cross' first design and its displacement in the Spanish civil wars of the 1870s. Jon Arrizabalaga, IMF-CSIC, Egipcíaques, 15 E-08001 Barcelona, Spain; Guillermo Sánchez-Martínez, Universidad Pública de Navarra, Pamplona, Spain; Juan Carlos García-Reyes, IMF-CSIC, Egipcíaques, 15 E-08001 Barcelona, Spain

**Finding America Hidden Behind Hiroshima.** Robert Jacobs, Hiroshima City University

### 180. (67) Technologies of the self - II

11:00 to 12:30 pm Solbjerg Plads: SPs16

**Chair:** Andrew Pickering, University of Exeter

### **Participants:**

Self by Design: Personal-Tracking Applications and Life as Self-Transformation. Natasha Dow Schull, MIT

"Changing your life": Transformations of the self within practices of losing and keeping weight. Michael Penkler, University of Vienna

Readjusting the self: measurement devices and their effects on well-being. Minna Ruckenstein, National Consumer Research Centre; Mika Pantzar, National Consumer Research Centre; Toni Vanhala, VTT Technical Research Centre of Finland; Veera Mustonen, National Consumer Research Centre

Anorexia and Bulimia as Technologies of the Self: "Semiotic-Material Actors" in "Fluid Spaces". Maria Gonzalez Aguado, University of Vienna/ CSIC Instute of Philosopy

### 182. Social location and nanotechnology risk perception

2:00 to 3:30 pm Solbjerg Plads: D.2.20

**Chairs:** Mary Collins, University of California, Santa Barbara; Cassandra Engeman, University of California, Santa Barbara

### **Participants:**

Intuitive Cognition in the Perception of Air, Water and Soil as They Interact With Engineered Nanomaterials: A Study of US Public Views. Terre Satterfield, University of British Columbia; Barbara Herr Harthorn, UC Santa Barbara

People, Products, and Nanotechnology: A Risk Judgment Analysis. Mary Collins, University of California, Santa Barbara; Shannon Hanna, University of California, Santa Barbara; Barbara Herr Harthorn, UC Santa Barbara; Terre Satterfield, University of British Columbia

Designing Deliberation: Social Location and the Politics of Difference in US Public Deliberations about New Technologies. Barbara Herr Harthorn, UC Santa Barbara; Karl Bryant, SUNY New Paltz

Voluntary Regulation in the International Nanomaterials Industry: Perceptions, Practices & Problems for Workers. Cassan-

#### SCIENTIFIC PROGRAM

dra Engeman, University of California, Santa Barbara; Barbara Herr Harthorn, UC Santa Barbara; Patricia Holden, University of California, Santa Barbara; Terre Satterfield, University of British Columbia

Nanotechnology Expert Perceptions: Benefits, Risks, Bias, and Regulation. Christian EH Beaudrie, University of British Columbia; Terre Satterfield, University of British Columbia; Millind Kandlikar, University of British Columbia; Barbara Herr Harthorn, UC Santa Barbara

### 183. (34) The epistemic and political authority of expertise in environmental governance - I

2:00 to 3:30 pm Solbjerg Plads: D4 Aug

**Chairs:** Silke Beck, Helmholtz Centre for Environmental Research; Eva Lövbrand, Linköping university

### Participants:

Shifts in Epistemic Communities around Nature Governance: The Seemingly Paradoxical Convergence of Sustainability and Extraction. Veronica Davidov, Leiden University College, The Hague

Complex, contradictory and creative expertise in forest biodiversity protection. Taru Peltola, Finnish Environment Institute

Performing the Forest: Carbon Accountability and the Politics of REDD Monitoring, Reporting and Verification Practices. Aarti Gupta, Wageningen university; Eva Lövbrand, Linköping university; Esther Turnhout, Wageningen University; Marjanneke Vijge, Wagening University; Ingrid Visseren, Wageningen university

Sanitary markets: food safety regulations and the purification of the capitalist exchange of foodstuffs. Carlos Novas, Carleton University; Michael S Mopas, Carleton University

The role of boundary organizations in the social status of climate change knowledge. Anna J Wesselink, University of Leeds; Robert Hoppe, University of Twente; Rose Cairns, University of Leeds

### 184. (96) In search of "lines of flights" in/for/to/from Latin America - III

2:00 to 3:30 pm Kilen: K143

Chair: Ivan da Costa Marques, Universidade Federal do Rio de Janeiro

### **Participants:**

Scientific culture and the scientist entrepeneur. Rafael de Almeida Evangelista, Labjor/Unicamp - Universidade Estadual de Campinas; Marta Mourão Kanashiro, Labjor/Unicamp - Universidade Estadual de Campinas

"Buen vivir" and its paradox of scientific and technology dependence. Maria Belen Albornoz, Latin American Faculty of Social Sciences Ecuador

Informal Mexican Urbanity and Subaltern Knowledge: Xonaca. Anne Kristiina Kurjenoja, Universidad de las Américas Puebla; Maria Emilia Ismael-Simental, Universidad de las Américas Puebla

Borders and Mediations in Mexico's Expanding S&T System: Emerging Issues. Rollin Kent, Benemerita Universidad Autonoma de Puebla; Alma Carrasco Altamirano, Benemérita Universidad Autónoma de Puebla

### 185. (04) Disease and health in humans and nonhumans

2:00 to 3:30 pm Kilen: K146

Chair: Angela Cassidy, Imperial College London

### **Participants:**

One Health: human/animal disease and interdisciplinarity. Angela Cassidy, Imperial College London; Abigail Woods, Imperial College London

#### SCIENTIFIC PROGRAM

**Diagnosing diseases in plants and animals.** Ann Bruce, The University of Edinburgh

**Immunity and Shared Health.** Steve Hinchlife, University of Exeter; kim ward, University of Exeter

Retrospect and mitigation: public health discourse on 2009's H1N1 pandemic. Mark David McGregor Davis, Monash University; Paul Flowers, Glasgow Caledonian University

### 186. (21) (Trans) formations of kinship: travelling in search of relatedness

2:00 to 3:30 pm Kilen: K150

**Chairs:** Stine Willum Adrian, Aalborg University; Charlotte Kroløkke, University of Southern Denmark

### **Participants:**

**Body economies: global trade in human biological material.** Ingrid Geesink, Rathenau Institute; Chantal Steegers, Rathenau Institute

Queer Reproduction and the Reconfiguration of Assisted Conception in Taiwan. Chia-Ling Wu, National Taiwan University

Kinship as a palimpsest: Practices of transnational gamete donation. Sven Bergmann, Institute for the History of Medicine, Charité Berlin | Research Projekt: "Cultures of Madness"

Reproductive Imaginations: Making New Nordic Citizen Through Fertility Travel. Charlotte Kroløkke, University of Southern Denmark

Bending the law and crossing borders choosing Danish sperm. Stine Willum Adrian, Aalborg University

### 187. (05) Designing global health technologies in the Global South - III

2:00 to 3:30 pm Kilen: Ks43

**Chairs:** Norman Schräpel, Institute of Anthropology and Philosophy, MLU Halle-Wittenberg, Richard Rottenburg, MPI Social Anthropology/University of Halle

### **Participants:**

Installing Trust: Medical data infrastructures and the production of anticipatory knowledge – Ethnographic encounters from Rwanda. Norman Schräpel, Institute of Anthropology and Philosophy, MLU Halle-Wittenberg

Global Pharmaceutical Circulations and Local Contestations: Making "Modern" Herbal Medicine in Bangladesh. Karen McNamara, Syracuse University

Medicinal (dis)orders. Controversies upon fake medicines in India and Kenya. Mathieu Quet, GSPR, EHESS; Marine Al Dahdah, independent consultant

Understanding the Constructedness of Hansen's Disease: A Study on Medical Work regarding Hansen's Disease in Taiwan. Yiling Hung, Sociology, UCLA

### 188. Making and using knowledge about research collaboration

2:00 to 3:30 pm Kilen: Ks48

Chair: Richard Woolley, CSIC-UPV Ingenio

### **Participants:**

Academic careers and research collaboration: the role of job mobility and scientific excellence. Pablo D'Este, CSIC-UPV Ingenio; Carolina Cañibano, CSIC-UPV Ingenio

**Bad Research Collaborations: Perceptions and Impacts.** Barry Bozeman, University of Georgia; Catherine Slade, Augusta State University

Motivations for disciplinary and interdisciplinary collaboration among Australian social scientists. Richard Woolley, CSIC-UPV In-

#### SCIENTIFIC PROGRAM

genio; Mabel Sánchez-Barrioluengo, CSIC-UPV Ingenio; Tim Turpin, University of Western Sydney

Researchers' motivations to collaborate: Insights from a Spanish case study. Irene Ramos-Vielba, Fundación Ideas; Celia Díaz, Fundación Ideas; Josefa Calero, Fundación Ideas

### 189. (17) Genetics and human difference: from the 'gene-for' approach to...?

2:00 to 3:30 pm Kilen: Ks54

**Chairs:** Daniel Navon, Columbia University; Uri Shwed, Ben Gurion University of the Negev

### **Participants:**

**Living Data: How Genetic Data Matters.** Mette Kragh Furbo, Lancaster University, Sociology Department

**Encoding Legitimacy: Genetic Discourses in Eating Disorders Advocacy.** Karin Eli, University of Oxford

The geneticization of gendered body variation and the potential de-stigmatization of DSD/Intersex syndromes. daniela crocetti, University of Bologna

**Beyond the gene: TMPT, drugs, conflict, and court cases.** Michael M Hopkins, SPRU - Science and Technology Policy Research University of Sussex; Stuart Hogarth, King's College London

Discussant: Sarah Richardson, Harvard University

### 190. (50) Times of design

2:00 to 3:30 pm

Kilen: Ground floor - Ks71

Chair: Ana Maria Delgado, University of Bergen

**Participants:** 

Made by us and not of our making. Alfred Nordmann, Darmstadt Technical University

**Designing programmable living things in synthetic biology.** Ana Maria Delgado, University of Bergen

Synthetic Biology: From prediction to programming life. Dorothy Jane Dankel, University of Bergen; Ana Maria Delgado, University of Bergen; Silvio Funtowicz, University of Bergen; Roger Strand, University of Bergen

De-signing biology and engineering practices in the iGEM competition. Katie Bulpin, University of Sheffield

### 191. (58) STS perspectives on patient safety and quality improvement in health care - III

2:00 to 3:30 pm Solbjerg Plads: SP112

**Chairs:** Jessica Mesman, Maastricht University Roland Bal, Erasmus University Rotterdam; Johan M. Sanne, Linkoping University

### **Participants:**

Chemotherapy protocol transforms clinical practices of cancer care team in managing chemotherapy toxicity in Taiwan. Zxyyann Jane Lu, National Yang-Ming University

Successful translation in hospital quality improvement: enactment, risk objects and improvement scripts. Johan M. Sanne, Linköping University

Healthcare professionals' understanding of patient safety: Do we really know what they think? Konstantinos Arfanis, Morecambe Bay Hospitals Foundation NHS Trust; Andrew F Smith, Morecambe Bay Hospitals Foundation NHS Trust

Making Quality Calculable; The tautological foundation of quality in healthcare 1945-2010. Dane Paul Pflueger, London School of Economics

#### SCIENTIFIC PROGRAM

### 192. (46) Mediated practice: insights from STS, critical theory and media theory - III

2:00 to 3:30 pm Solbjerg Plads: SP113

Chairs: Anne Beaulieu, University of Groningen; Annamaria Carusi, University of Copenhagen; Aud Sissel Hoel, Department of Art and Media Studies, Norwegian University of Science and Technology; Sarah de Rijcke, Centre for Science and Technology Studies, Leiden University

### **Participants:**

**Eyes That Tell Stories.** Catelijne Coopmans, National University of Singapore

Seeing and Designing Nanoscale Objects. Michael Lynch, Cornell University; Kathryn D de Ridder-Vignone, Science and Technology Studies-Cornell University

Fiction, Realism and Scientific Models. Annamaria Carusi, University of Copenhagen

Visualizing Pure Mathematics: Imaginative Worlds on Computer Screens. Alma Steingart, MIT

### 193. (79) On the road: journeys of innovations and prospects - III

2:00 to 3:30 pm Solbjerg Plads: SP114

Chair: Sampsa Hyysalo, Aalto University

#### **Participants:**

My Dress and Me – reassembling the Social in an Internet of Things. Stefanie Reinert Jenssen, Centre for Technology, Innovation and Culture

Fuelling Expectations: UK Public Authorities debating on Biofuels. Pietro Berti, The ESRC Centre for Genomics in Society (Egenis), Department of Sociology and Philosophy, University of Exeter

Running out of power: the disruption of the Ethanol Car's Socio-Technical Configuration. Rafael Bennertz, Department of Science and Technology Policy - State University of Campinas; Lea Velho, State University of Campinas, Brazil

**Open technology practices and the first airplanes.** Peter Benjamin Meyer, U.S. Bureau of Labor Statistics

### 194. Automated trading: Perspectives from social studies of finance

2:00 to 3:30 pm Solbjerg Plads: SP205

Chair: Donald MacKenzie, University of Edinburgh

### Participants:

Five Seconds, A History: Automated Trading, Place, and Path-Dependence. Donald MacKenzie, University of Edinburgh

Ordering markets: engineers, ideas and the moral technologies of finance. Juan Pablo Pardo-Guerra, University of Edinburgh

Politics of liquidity: How regulators and economists shaped US automated financial exchanges. Daniel Beunza, London School of Economics; Yuval Millo, London School of Economics

Between Things and Objects: Algorithms and the Enactment of Financial Materiality. Marc Lenglet, European Business School

### 195. (56) On fire engines and big red buttons: technique in emergency situations and disasters

2:00 to 3:30 pm Solbjerg Plads: SP207

#### SCIENTIFIC PROGRAM

**Chairs:** Nils Ellebrecht, University of Freiburg; Markus Jenki, University of Freiburg

### **Participants:**

**Lessons from a fire: the Moerdijk case.** Frans A.J. Birrer, Leiden University

Managing critical situations by feedback system: flight AF 447 case study. François Domergue, INSEEC RESEARCH

Structurated Preparedness for Catastrophes: The Constitutive Dynamism of Plans and Improvisations. Natalie Danielle Baker, University of California, Irvine

Delimiting Artifacts and Expertise: Displaced Activist Technical Projects in Global South-Global North Encounters. Christina Dunbar-Hester, Rutgers University

### 196. Productively parasitic relations between STS and its fields

2:00 to 3:30 pm Solbjerg Plads: SP208

Chair: Teun Zuiderent-Jerak, Erasmus University Rotterdam

### Participants:

**Crowdsourcing in scientific practice: host and parasites.** Dick Kasperowski, Gothenburg University

**Bringing In the Crowd: New relationships between genomics and society.** Niclas Hagen, Department of Arts and Cultural Sciences, Lund University

**Design for Negotiation of Disparate Logics.** Judith Gregory, University of California, Irvine

An Anatomical Collection of Medical Knowledge; Situated Intervention in Clinical Guideline Production. Teun Zuiderent-Jerak, Erasmus University Rotterdam

Discussant: Geoffrey Bowker, University of California-Irvine

### 197. (82) Ethnography of socio-material collaborations - III

2:00 to 3:30 pm Solbjerg Plads: SP210

**Chairs:** Katharina E. Kinder, Lancaster University; Petra Ilyes, Goethe University Frankfurt am Main

### **Participants:**

How to do Ethnography of a Computer Simulation? Martin Deschauer, Goethe University Frankfurt

Displacing Scientific Concepts and Practices: Implications for the development of things, people and disciplines. Jose A Torralba, University of Hawaii, Curriculum Studies; Rogers P. Hall, Department of Teaching and Learning, Vanderbilt University

A pair of lenses on bioscience architecture: an ethnography of design intent and users' experiences. Alison F McDougall-Weil, University of Cambridge

Engineering Design Centre Epistemic Encounters: interdisciplinary collaboration in digital humanities. Smiljana Antonijevic, Royal Netherlands Academy of Arts and Sciences; Roskilde University

### 198. (86) Displacement and classification - III

2:00 to 3:30 pm Solbjerg Plads: SP212

**Chairs:** Daniel Bischur, University of Trier, Germany; Stefan Nicolae, University of Trier

### **Participants:**

**Gendered classifications in software development.** Diana Lengersdorf, TU Dortmund, Germany; Matthias Wieser, University of Klagenfurt, Austria

#### SCIENTIFIC PROGRAM

Displacement and classification work as performances of associations. Juliane Jarke, Lancaster University Management School

'Personalized' Audio and the Changing Meaning of Noise. Joseph Klett, Yale University

Assessing and helping Internally Displaced People: Controversies and regulation of social rights in Colombia. Fredy A. Mora-Gámez, University of Leicester

Maps, Information Design, and Social Change: The Case of Destroyed Palestinian Villages. Talia Fried, Bar Ilan University

### 199. (22) Climate engineering as a societal design problem?

2:00 to 3:30 pm Solbjerg Plads: SP213

**Chairs:** Nick Pidgeon, Cardiff University; Suvi Huttunen, Finnish Environment Institute

### **Participants:**

Framing geoengineering in academic literature. Suvi Huttunen, Finnish Environment Institute; Mikael Hildén, Finnish Environment Institute

Issues of scale and ignorance in geo-engineering. Controversies over experimentation in ocean fertilization. Mieke van Hemert, Institut Francilien Recherche Innovation Societe

What is new in Geoengineering? Paula Curvelo, European Commission - Joint Research Centre

Governing Climate Engineering Research: Scientists' Perspectives. Eleftheria Vasileiadou, Institute for Environmental Studies, VU University Amsterdam; Panagiota Stathaki, Institute for Environmental Studies, VU University Amsterdam; Arthur C. Petersen, PBL Netherlands Environmental Assessment Agency, and VU University Amsterdam

### 200. (27) Accounting (for) Nature: REDD+, carbon credits and the design of sustainable futures

2:00 to 3:30 pm Solbjerg Plads: SP214

Chair: Raoni Rajão, Federal University of Minas Gerais

### **Participants:**

Framing and Reframing Subjects in the Hybrid Forums of REDD. Mattias Hjort, University of Birmingham

Rejected Projections: Negotiating REDD+ in Guatemala's Maya Biosphere Reserve. Micha Rahder, University of California, Santa Cruz

Beyond deforestation as a 'simple location': discourses, artefacts and practices in the performance of illegal of deforestation in the Brazilian Amazon. Raoni Rajão, Federal University of Minas Gerais; Theo Vurdubakis, Lancaster University

Developing Apollonian and Dionysian Trust in Environmental and Health-Oriented Consumer Schemes. Mikael Klintman, Dep. of Sociology, Lund University

### 201. Feminist Dialogues on Technology

2:00 to 3:30 pm

Solbjerg Plads: SP216

**Chairs:** Beth Coleman, Harvard/Hogeschool van Amsterdam; Anne Balsamo, University of Southern California

### **Participants:**

**Future Internet Architectures.** Elizabeth Losh, University of California, San Diego

For an Experimental Mode of Expression. Sarah Kember, Goldsmiths University

'Compliant' Feminist Archives. Jacqueline Wernimont, Scripps College

#### SCIENTIFIC PROGRAM

Feminist Dialogues on Technology. Alex Juhasz, Pitzer College

**Discussant:** Judy Wajcman, London School of Economics & Political Science

### 202. (09) Care in a self-managed world - III

2:00 to 3:30 pm Solbjerg Plads: SPso3

Chairs: Ger Wackers, Narvik University College; Ingunn Moser, Diakonhjemmet University College; Hilde Thygesen, Diakonhjemmet University College

### **Participants:**

Running mania: Lay expertise and reflexivity in the everyday management of health uncertainty. Patricia Campbell, University of Calgary

Community design for active seniors using electric bicycles. Miki Saijo, Tokyo Institute of Technology; Shishin Kawamoto, Tokyo Institute of Technology

Managing the Innovative Flow: challenges and developments in an innovative prevention strategy within vascular surgery. Kathrine Hoffmann Pii, CBS

**Understanding the Design of Telecare Technologies.** Ivo Maathuis, University of Twente

### 203. (64) Challenges in studying technologies of democratization - II

2:00 to 3:30 pm Solbjerg Plads: SPso5

Chair: Randi Markussen, IT University of Copenhagen

### **Participants:**

The Ethic of the Hack: An Ethnography of Humanitarian Hackers. Douglas Benjamin Haywood, Goldsmiths, University of London

**E-voting Machines: A gift to Democracy?** Nina Boulus-Rødje, IT University of Copenhagen

Institutionalization dynamics of Parliamentary Technology Assessment. Benedikt Rosskamp, University of Liège (B)

Quo Vadis Parliamentary Technology Assessment? A Case for Renewing PTA Programs and Thinking. Michiel Van Oudheusden, University of Antwerp

### 204. (35) Competing visions of energy systems transitions: contributions to "Smart Grid" - II

2:00 to 3:30 pm Solbjerg Plads: SPs07

Chair: Jennie C. Stephens, Clark University

### **Participants:**

**Displacement by default: mission creep in smart grid design.** Stephen Potter, Open-University; Matthew Cook, Open-University; Per-Anders Langendahl, Open University

Smart grids and the materialisation of ways of life. Greg Wallenborn, Université Libre de Bruxelles

Constructing the Smart Grid: Technological Options, Policy Choice and Energy Transitions. Elizabeth J. Wilson, Humphrey School of Public Affairs, University of Minnesota; James Meadow-croft, Carleton University

Green Guesses: Venture Capital and the Framing and Calculation of New Renewable Energy Technologies. Gard Hopsdal Hansen, Norwegian University of Science and Technology; Markus Steen, Norwegian University of Science and Technology

Lock-in and Unlocking: Flexibility and Stability in Urban Energy Assemblages. Graeme Sherriff, University of Manchester

#### SCIENTIFIC PROGRAM

### 205. (89) Conditions for work and knowledge production in the social sciences

2:00 to 3:30 pm Solbjerg Plads: SPso8

Chair: Veronika Woehrer, University of Freiburg

### **Participants:**

Of course, that's how it is. Enculturation of Young Researchers in the Current Academic Environment. Diana Schmidt-Pfister, Center of Excellence "Cultural Foundations of Integration", University of Konstanz, Germany

Aims and values in the humanities research. Endla Lõhkivi, University of Tartu; Jaana Eigi, University of Tartu; Katrin Velbaum, University of Tartu

Keep on movin'! Research mobility meaning(s) for Italian early stage researchers. Sara Minucci, University of Turin

'A certain amount of prestidigitation is needed.' Early Stage Sociologists in Austria. Veronika Woehrer, University of Freiburg

### 206. (77) Urban assemblages and cosmopolitics: contributions for an ongoing debate - V

2:00 to 3:30 pm Solbjerg Plads: SPs10

**Chairs:** Anders Blok, Copenhagen University; Ignacio Farias, Social Science Research Center Berlin

### **Participants:**

Reassembling Water-Cycles in the Lower Lea River Basin East London. Tse-Hui Teh, University College London

**Performative planning at the urban scale.** Birgitte Hoffmann, DTU MAN; Mai-Britt Quitzau, Technical University of Denmark

**Plassein and urban political matters.** Jonas Bylund, Department of Human Geography, Stockholm University

Users of urban open space and low carbon transitions. Sonia Liff, Appleby Research

### 207. (73) Critical studies of interdisciplinarity - III

2:00 to 3:30 pm Solbjerg Plads: SPs12

Chair: Scott Frickel, Washington State Univeristy

### **Participants:**

Interdisciplinarity in times of citizen science: Game over? Barbara Prainsack, Brunel University

Designing 'Integration Machines' – Performing Epistemic (Dis-) Unity. Judith Igelsboeck, Universität Wien

Anthropological reflections on the 'user' in the urban wilderness. Johanna Maria Ylipulli, University of Oulu

Open Space Workshops for Changing Science and Society: Reflection on Participation and Collaboration in STS. Peter John Taylor, UMass Boston

### 208. Studies of expertise and experience: SEE and the third wave (Part II)

2:00 to 3:30 pm Solbjerg Plads: SPs14

Chair: Robert Evans, Cardiff University

### **Participants:**

Domain-Specific Discrimination and Technological Decision-Making in the Public Domain. Martin Weinel, School of Social Sciences, Cardiff University

**Reframing Science for Policy Reform.** Robert Lorenzo Jomisko, Norwegian University of Science and Technology

#### SCIENTIFIC PROGRAM

Habermas and the Third Wave: Experts and Citizens in a Deliberative Democracy. Robert Evans, Cardiff University

Discussant: Harry Collins, Cardiff University

### 209. (67) Technologies of the self - III

2:00 to 3:30 pm Solbjerg Plads: SPs16

Chair: Antonio Carvalho, University of Exeter

### **Participants:**

Notions of interactivity in new media theory, STS and contemporary art. Anja Johansen, NTNU

Smartphone Intimacies: Shifting Boundaries of Human-Machine Subjectivities. Ellie Harmon, University of California, Irvine

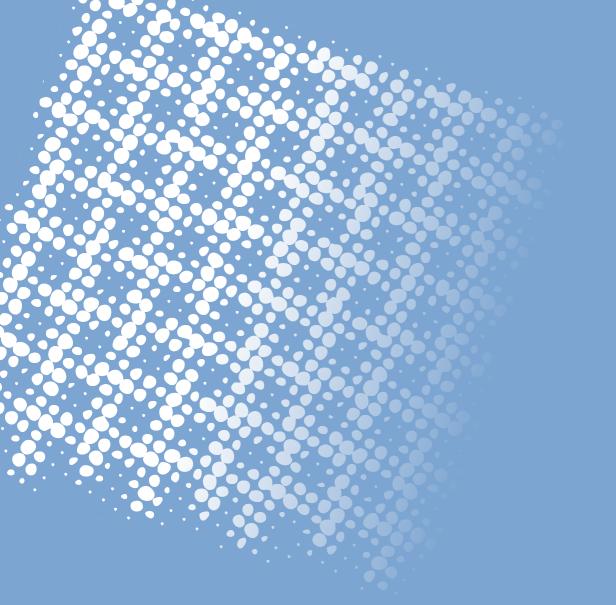
The Everyday Figuration of Parents and Children during the Transition to Parenthood. Cornelia Schadler, Department of Sociology, University of Vienna

Women becoming computer scientists. Vivian Anette Lagesen, Norwegian University of Science and Technology

### 210. Presidential plenary

4:00 to 5:30 pm Solbjerg Plads: SPs01

**Panel Members:** Trevor Pinch, Cornell University Fred Steward, Policy Studies Institute, Westminster U



# Scientific Program

Saturday 20 October

### 211. (24) Design and transitions to sustainability

9:00 to 10:30 am Solbjerg Plads: D.2.20

**Chair:** Kirsten Ulsrud, Department of Sociology and Human Geography, University of Oslo

### **Participants:**

Design of village scale solar power supply in Kenya as a creative learning process. Kirsten Ulsrud, Department of Sociology and Human Geography, University of Oslo

The influence of effluent within emergent creative research practice. Paul Lloyd Sargent, University at Buffalo

**Evolutionary Urbanism: Designing Ecology.** Adam Jacob Levin, University at Buffalo

**Tunnelling Barriers.** Gunnar Andersson, Oestfold University College; Bjørn Gitle Hauge, Oestfold University College

### 212. Entanglements of science and justice (part 1)

9:00 to 10:30 am Kilen: K143

Chair: Jenny Reardon, University of California, Santa Cruz

### **Participants:**

**On Genomics and Justice.** Jenny Reardon, University of California, Santa Cruz

Nature/Nurture Refigured: Gendered Narratives of Parenthood in Environmental Epigenetics. Martha Kenney, History of Consciousness, UC Santa Cruz; Ruth Mueller, Univ. of Vienna & Austrian Institute for International Affairs (oiip)

The Anthropological Algorithm: The Biopolitics of Conservation Genomics. Jacob Metcalf, University of California, Santa Cruz

Discussant: Kimberly TallBear, University of California, Berkeley

#### SCIENTIFIC PROGRAM

### 213. Models and simulations: Shaping science and society - I

9:00 to 10:30 am Kilen: K146

**Chair:** Joakim Juhl, The Technical University of Denmark (DTU). Department of Management Engineering

### **Participants:**

The visual practice of modelling: Translating theorems toward practical implementation. Joakim Juhl, The Technical University of Denmark (DTU). Department of Management Engineering

Images of the Higgs Search: Producing Evidence in Large-Scale Collaborations. Martina Merz, University of Lucerne

**Translating Global Climate Models for Local Policy-Making.** Liam Heaphy, University of Manchester

### 214. (47) Screen realities, synthetic situations, and scopic media - I

9:00 to 10:30 am Kilen: K150

**Chairs:** Niklas Woermann, SDU Odense, Uni of Constance; Vanessa Dirksen, University of Constance; Stefan Beljean, University of Konstanz

### **Participants:**

Second Life as Synthetic Situation: Reorienting Goffman's Interaction Order. Ulrike Schultze, Southern Methodist University; JoAnn M. Brooks, Syracuse University

 $\mbox{\bf Go\ Live!}$  User-Livestreams on the Internet. Heiko Kirschner, University of Dortmund Germany

Grindr: Empirical Observations on Some Contemporary Mediations of the Pick-Up-Line. Martin Stempfhuber, Johannes Gutenberg-Universität Mainz; Michael Liegl, Johannes Gutenberg University Mainz

Experiences of knowledge and uncertainty in locally-based online re-use networks. Christine Hine, University of Surrey

Monitor screening of energy markets: the enactment of economic transactions in Finnish electricity control centers. Antti Silvast, University of Helsinki

### 215. Medicine and health information

9:00 to 10:30 am Kilen: K275

Chair: Dawn Goodwin, Lancaster University

### **Participants:**

A realist analysis of the demise of the UK programme to construct a national EPR. Iain Crinson, St Georges, University of London

Infrastructure and Action: Making Do in the Shifting Material Ecology of a Hospital. Kathleen Pine, University of California, Irvine

**Personalized medicine, Impersonal practice.** Sheri Alpert, Indiana University Center for Bioethics

Learning about bodies: intersections of pedagogy, emotion and professional identities. Dawn Goodwin, Lancaster University; Laura Machin, Lancaster University; Adam Taylor, Lancaster University

### 216. "Ethnicity" and "Race" in Science and Technology

9:00 to 10:30 am Kilen: Ks43

Chair: Dvora Yanow, Faculty of Social and Behavioral Sciences/Department of Sociology and Anthropology/University of Amsterdam AND Faculty of Social Sciences/Communication Science Department/Wageningen University

**Participants:** 

#### SCIENTIFIC PROGRAM

Lungs, Vitality, and Work: A History of Race and the Spirometer. Lundy Braun, Brown University. Department of Pathology and Laboratory Medicine and Africana Studies, Science and Technology Studies Program

Excavating Ethnic Options: Genetics and Identity at the Lower Manhattan African Burial Ground. Alondra Nelson, Columbia University

Diversity: The Multiple Versions of "Ethnicity" in Biomedical and Public Health Research in the Netherlands. Alana Proctor, Maastricht University; Anja Krumeich, Maastricht University; Agnes Meershoek, Maastricht University

Scientific Knowledge Of Race As Produced By And For Textbooks. Ann Morning, New York University

### 217. (07) The politics of techno-embodiment in the age of pharma commerce - I

9:00 to 10:30 am Kilen: Ks48

Chairs: Anna Bredström, Institute for Research on Migration, Ethnicity and Society, Linköping University, Sweden; Marianne Winther Jørgensen, Culture, Society and Media production; Dept for Studies of Social Change and Culture

### **Participants:**

Articulations of Reproduction in the Design and Use of Ovulation Predictors. Joann Wilkinson, Lancaster University

**Obesity science, hormones, and gender.** Fei-Wen Cheng, Sociology Department, Tunghai Univeristy, Taiwan

Implanting childhood: the hormonal treatment of early onset puberty. Celia Roberts, Lancaster University

Dynamic Being: A Digital/Analog Analysis of the Technosocial Anthropocology of Juvenile ADHD Care Decisions. Sabrina Weiss, Rensselaer Polytechnic Institute

### 218. (30) Eco-efficiency agendas: what role for techno-fixes?

9:00 to 10:30 am Kilen: Ks54

Chairs: Les Levidow, Open University; Luigi Pellizzoni, University of Trieste, Italy

### **Participants:**

Material politics of nutrient cycles -- viable recycling systems of manure on trial. Minna Kaljonen, Finnish Environment Institute, Environmental Policy Centre

**Exploring the logic of eco-efficient service design.** Matthew Cook, Open-University; Stephen Potter, Open-University; Per-Anders Langendahl, Open University

**Eco-efficiency and the concept of "marginal land" in energy crop production.** Orla Shortall, Centre for Applied Bioethics and Institute for Science and Society, University of Nottingham

Eco-efficient biofuels: techno-optimistic expectations for sustainability. Les Levidow, Open University

The use of techno-fixes in the international cooperation for the environment: the case of the Global Environmental Facility (GEF). Nicole Aguilar Gayard, University of Campinas; Maria Conceição da Costa, University if de Campinas

### 219. (105) Governance of nanotechnologies: risks and benefits for development - I

9:00 to 10:30 am

Kilen: Ground floor - Ks71

**Chairs:** Koen Beumer, Maastricht University; Wiebe E. Bijker, Maastricht University

### **Participants:**

Nanotechnology and Development in Latin America: Rationales and Challenges. Noela Invernizzi, Federal University of Parana; Ed-

#### SCIENTIFIC PROGRAM

gar Zayago Lau, Autonomous University of Zacatecas; Guillermo Foladori. Universidad Autónoma de Zacatecas

Nanocosmetics in Brazil. Denise Maria Nunes, Universidade Federal de Santa Catarina; Julia Silvia Guivant, Universidade Federal de Santa Catarina

**Expectations of nanotechnology in India, South Africa and Kenya.** Koen Beumer, Maastricht University

Assessing Equity and Equality in South Africa's Nanotechnology Initiative. Rodrigo Cortes, Georgia Institute of Technology; Susan Cozzens, Georgia Institute of Technology; Matthew Harsh, Arizona State University; Ogundiran Soumonni, Georgia Institute of Technology; Jameson Wetmore, Arizona State University; Thomas S Woodson, Georgia Institute of Technology

### 220. (62) Monitoring, identifying, displacing: on everyday surveillance & security practices - I

9:00 to 10:30 am Solbjerg Plads: SP112

Chair: Jutta Weber, Institute of Media Studies

### **Participants:**

'Hi-Tech and Desirable': On Risk Management and Military Technology in Everyday Life. Jutta Weber, Institute of Media Studies

Mediating security and disabilities: the case of body scanners. Michael Nagenborg, University Tübingen; Anja Königseder, University of Tübingen

Premediated regimes of surveillance. Practices of preemptive crime reduction in Minority Report and law enforcement. Timo Kaerlein, University of Paderborn, Research Training Group Automatisms

From visual information sorting to decision making: understanding image processing algorithms. Christoph Musik, University of Vienna

### 221. Being neither here nor there: Presences and absences in fieldwork, data and theory

9:00 to 10:30 am Solbjerg Plads: SP113

### **Participants:**

The politics of presence: making political contexts for bin contents. Natalie Gill, Lancaster University

Hopeful presences and uncultured encounters: GenBank record EU805409.1. Tahani Nadim, Goldsmiths

Dealing with Presences and Absences in Landless Workers' Agroecological Communities in Espírito Santo, Brazil. Michalis Kontopodis, Universiteit van Amsterdam

In/visible Landscapes: Tactics of presence and absence in a wind energy controversy. Uli Beisel, University Halle-Wittenberg

Discussant: Amade M'charek, Universiteit van Amsterdam

### 222. (11) Smart Homes: designing care, work, care technologies, and living at home - I

9:00 to 10:30 am Solbjerg Plads: SP114

Chairs: Sisse Finken, University of Oslo; Christina Mörtberg, Linneaus University, Sweden

### **Participants:**

**Enacting Aging Bodies in Design of Welfare Technology.** Marie Ertner, IT University of Copenhagen

Design of assistive, welfare technologies for healthy eating and active aging. Anne Moen, University of Oslo, Norway; Ingrid Svagård, Sintef, dept of Instrumentation, Oslo, Norway

#### SCIENTIFIC PROGRAM

Beyond the smart home. Designing multimodal environments to support mastery. Tone Bratteteig, University of Oslo; Ina Wagner, University of Oslo

**Technology Acceptance of Home Care Service Providers.** Susanne Giesecke, Austrian Institute of Technology

### 223. (06) Evidence-based activism: patients' organizations and the governance of health - I

9:00 to 10:30 am Solbjerg Plads: SP201

Chairs: Vololona Rabeharisoa, CSI Mines-ParisTech; Tiago Moreira, Durham University Madeleine Akrich, CSI Mines ParisTech

### **Participants:**

Patients at the Zero Point: Uncertainty and Promises in Japanese Stem Cell Research. wakana suzuki, Kyoto university

The dynamics of causes and conditions. Rareness of diseases in French and Portuguese patient organizations' engagement in research. Vololona Rabeharisoa, CSI Mines-ParisTech; Michel Callon, CSI Mines-ParisTech; Angela Marques Filipe, London School of Economics; Joao Arriscado Nunes, CES University of Coimbra; Florence Paterson, CSI Mines-ParisTech; Vergnaud Frédéric, CSI Mines-ParisTech

Re-presenting patient groups Today: from the US Orphan Drug Act to Rare Disease R&D Today. Pei Koay, Center for Genetic Research Ethics & Law (CGREAL), Case Western Reserve University (CWRU)

Reframing Criticism in Mental Health. Patients' Movements in Switzerland (1970-2012). Virginie Stucki, Department of social and political sciences, University of Lausanne (Switzerland) (PhD Student) & Universit of Applied Sciences (HES-SO), Lausanne (Switzerland) (Professor)

224. Art and science studies: depicting design in nature and in artifacts

9:00 to 10:30 am Solbjerg Plads: SP202

### Participants:

Designing Nature: Contrasting Stories of Manipulation and Design from the Bioarts. Hannah Star Rogers, Cornell University

Imag(e)ining Land and Sea: Visual artifacts of the HMS Challenger Expedition. Emma Zuroski, Cornell University

Listening to Images, Looking at Sound: Sonic Skills in Field Ornithology. Joeri Bruyninckx, Maastricht University

Cinematic actor assemblages. Kjetil Rodje, Simon Fraser University

**Discussant:** Dehlia Hannah, Columbia University, Philosophy Department

### 225. (52) Configuring Users and Design and Implementation practices - I

9:00 to 10:30 am Solbjerg Plads: SP205

Chair: Wouter Boon, Rathenau Institute

### **Participants:**

Instauration and restoration of usership: The ongoing assemblage of telecare users. Tomás Sánchez-Criado, Universitat Oberta de Catalunya

Channeling ICT users' implicit knowledge into "innovativeness" in Living Laboratory practices. Sabrina Sauer, University of Twente

'Pre-User' – Following the Fabrication of a Relational Concept. Ditte Nissen Storgaard, Oticon and University of Southern Denmark; Janet Kelly, Novo Nordisk and University of Southern Denmark

Negotiating autonomy and responsibility for autonomous military robots. Merel Noorman, University of Virginia

#### SCIENTIFIC PROGRAM

### 226. 3.11 and the structures of risk: Experts, politics, and social vulnerability

9:00 to 10:30 am Solbjerg Plads: SP207

Chair: Gabrielle Hecht, University of Michigan

### **Participants:**

Experts' Responsibility on 3.11. Yuko Fujigaki, University of Tokyo Investigating 3.11: Fukushima and the Politics of Expert Inquiry. Scott Gabriel Knowles, Drexel University

The "Structural Disaster" behind Success or Failure. Miwao Matsumoto, University of Tokyo

Vulnerability and Inequality: A Case Study of the 3.11 Disaster. Ryuma Shineha, Graduate University for Advanced Studies

**Discussant:** Gabrielle Hecht, University of Michigan

### 227. (14) Beyond finality: design and displacement of death in biomedical practices - I

9:00 to 10:30 am Solbjerg Plads: SP208

**Chairs:** Klaus Hoeyer, University of Copenhagen; Linda F. Hogle, University of Wisconsin--Madison

### **Participants:**

**Finality Undone: an introduction to the panel.** Linda F. Hogle, University of Wisconsin--Madison; Klaus Hoeyer, University of Copenhagen

The Politics of Intimacy: Rethinking the End-of-Life Controversy. Anna Durnová, University of Vienna

**Informatic Selves and Information-Theoretic Death.** Abou Ali Farman Farmaian, Department of Anthropology Bard College

Can death be re-designed? A theoretical experimentation with the concepts of agency and finality in stem cell science on Alzheimer's disease. Lotta Hautamäki, University of Helsinki

### 228. Problematizing collaboration: Assessing experience, expectations, and outcomes

9:00 to 10:30 am Solbjerg Plads: SP210

### **Participants:**

Hot Spots and Hot Moments in Scientific Collaboration. Edward Hackett, Arizona State University; John Nathaniel Parker, National Center for Ecological Analysis and Synthesis

Knowledge-Intensive Work: A Trust Based Model. Simcha Jong, University College London; Sebastiano Massaro, University College London

Interrogating Collaboration: How Chemical Scientists define Collaboration and Responsibilities to Collaborators. Jennifer Croissant, University of Arizona; Laurel Smith-Doerr, Boston University

The Different Facets of Diversity: The Case of 'Interdisciplinarities' and Their Contrasting Effects on Scientific Impact. Ismael Rafols, University of Sussex; Alfredo Yegros-Yegros, Universitat Politecnica de Valencia; Pablo D'Este, CSIC-UPV Ingenio

Discussant: Kelly Moore, National Science Foundation

### 229. Beyond dual-use (part 1): Reconsidering the civilian-military connection

g:00 to 10:30 am Solbjerg Plads: SP212

Chair: Keelie L.E. Murdock, Rathenau Institute

### **Participants:**

Changing Civil-Military Relationships in the Naval Shipbuilding Industry. Haico Te Kulve, University of Twente; Wim Smit, University of Twente

Constructing the Military User of Dual-use Technology. Judith Reppy, Cornell University

#### SCIENTIFIC PROGRAM

Anthrax, SALT and Suspect Biological Weapons Research: Geopolitics and STS. Brian Balmer, University College London

Revolutionary Technology and International Security. Jürgen Altmann, Experimentelle Physik III, Technische Universität Dortmund

Discussant: Samuel Evans, Havard University

### 230. (106) The shaping of international regulation and local practices

9:00 to 10:30 am Solbjerg Plads: SP213

**Chair:** Michael Soegaard Joergensen, Department of Management Engineering, Technical University of Denmark

### Participants:

International Standardisation and Local Participatory Dynamics: The INTERNORM Project. Christophe Hauert, University of Lausanne; Marc Audétat, University of Lausanne; Danielle Bütschi Häberlin, University of Lausanne; Jean-Christophe Graz, University of Lausanne; Alain Kaufmann, University of Lausanne

Analyzing Imposed Management Systems Pragmatically or by contrasting 'Program and Practice'? Morten Bonde Ubbesen, Aarhus University, Denmark

Governing global health: the World Health Organization and the global tobacco treaty. Katherine E. Kenny, University of California, San Diego

Curbing Stubborn Objects: The challenge of probiotic innovation to regulation. Nina Margareta Honkela (ex Janasik), University of Helsinki; Mari Niva, National Consumer Reseach Centre, Helsinki, Finland; Sari Yli-Kauhaluoma, Aalto University

### 231. Methodologies and theories of scale

9:00 to 10:30 am Solbjerg Plads: SP214

Chair: Max Liboiron, New York University

### **Participants:**

**Emerging Phenomenon and Scalar Fallacies.** Max Liboiron, New York University

A Topological Approach to Social Innovation Measures. Ann-Christina Petersen Lange, Goldsmiths, University of London

Scalar Work and Scalar Regimes: The Patterned Production of Scale as a Property of Objects and a Quality of the Mundane. Charles Camic, Northwestern University; Christopher Steele, Northwestern University

**Scale, Size, Complexity and Electronic Waste.** John Lepawsky, Memorial University of Newfoundland.; Charles Mather, Memorial University

The very large and the very small: perspectives from animism and astrophysics. Istvan Praet, Roehampton University (London)

### 232. Spaces of anthropoietic knowledge: Where the human is known

9:00 to 10:30 am Solbjerg Plads: SP216

**Chairs:** Estrid Sørensen, Ruhr-University Bochum; Christina Brandt, Ruhr-University Bochum

### **Participants:**

Concepts of ,Transhumanism': Perspectives from the history of sciences. Christina Brandt, Ruhr-University Bochum

Body images in times of social upheavel: Iconography and Governance. Miriam Eilers, Ruhr-University Bochum

ECG: "reading the most intimate secrets of the human heart". Uwe Wippich, Ruhr-University Bochum

Knowing Children in and through Computer Game Regulation Practices. Jan Schank, Ruhr-University Bochum

#### SCIENTIFIC PROGRAM

**The hybridity of anthropoietic knowledge in court.** Estrid Sørensen, Ruhr-University Bochum

### 233. The multi-layer thinking to advance universal design in the 21st century

9:00 to 10:30 am Solbjerg Plads: SPs01

Chair: Mark Dyer, Trinity College Dublin

### **Participants:**

Philosophical bases for the acceptability of Universal Design. Michel Puech, Sorbonne University, Paris, France

**Building for All: Evidence Based Research.** Mark Dyer, Trinity College Dublin; Thomas Grey, Trinity College Dublin; Eoghan O'Shea, Trinity College Dublin

Implementing Universal Design as part of International/National Policy. Gerald Craddock, CEUD NDA

The Relisation on the promise of a Universal Designed Country.
Onny Eikhaug, Norwegian Design Council

### 234. (70) Science and the impact of organizational practices - I

9:00 to 10:30 am Solbjerg Plads: SPs03

Chair: Finn Hansson, Copenhagen Business School, Dept. of MPP

### **Participants:**

Merit, Expertise and Measurement. Paul Wouters, Centre for Science and Technology Studies, Leiden University

When Scholarship is Measured. University Researcher's Perception of Performance Indicators. Poul Erik Mouritzen, University of Southern Denmark; Niels Opstrup, University of Southern Denmark

The impact of indicators - how evaluation shapes knowledge production. Sarah de Rijcke, Leiden University

Can we design a tool box for quality assessments in the SSH? Thed van Leeuwen, CWTS - Leiden University; Paul Wouters, Centre for Science and Technology Studies, Leiden University; Sarah de Rijcke, Centre for Science and Technology Studies, Leiden University

# 235. "Voices from within and outside the South: Defying STS epistemologies, boundaries and theories

9:00 to 10:30 am Solbjerg Plads: SPs05

Chair: Raoni Rajão, Federal University of Minas Gerais

### **Participants:**

Sustaining the enterprise: Enacting sustainability standards for Tanzanian tea. Allison Loconto, Institut National de la Recherche Agronomique/Institut Francilien Recherche Innovation Societe, Université Paris-Est Marne-la-Vallée

Conceptualizing "Voices from within and outside the South." Raoni Rajão, Federal University of Minas Gerais; Ricardo B. Duque, St. Cloud State University; Rahul De, Indian Institute of Management, Bangalore

From Coast to Deep-sea: the development of fishing technology and rise of islanders 'identity in Xiao Liu Qiu. Chunghsin Li, Graduate Institute of History, National Changhua University of Education

Discussant: Rahul De, Indian Institute of Management, Bangalore

### 236. (15) Designing and imaging life - I

9:00 to 10:30 am Solbjerg Plads: SPs07

**Chairs:** Manuela Perrotta, Norwegian University of Science and Technology; Kristin Spilker, Department of Interdisciplinary Studies of Culture, NTNU

#### SCIENTIEIC PROGRAM

### **Participants:**

Cell imaging/imagining the cell. Merete Lie, NTNU

Body-enacted: Pleasure and Anxiety in Prenatal Screening and Testing in Taiwan. Li-Wen Shih, Sociology Department, Lancaster University, Lancaster, UK

Holding life together: Home-made and professional designs of egg cells and sperm cells. Kristin Spilker, Department of Interdisciplinary Studies of Culture, NTNU

Embryos-in-the-making: the creation of life in reproductive laboratories. Manuela Perrotta, Norwegian University of Science and Technology

### 237. (23) + (31) Configuring Climates - I

9:00 to 10:30 am Solbjerg Plads: SPs08

Chairs: Aleksandra Lis, Central European University in Budapest; Ingmar Lippert, Augsburg University; Lea Schick, IT University; Arno Simons. Technische Universität Berlin

### **Participants:**

Under the Dome of Things: Media Art's Engagement with Bruno Latour (Peter Sloterdijk as best man). Marc Tuters, University of Amsterdam

Claiming Better Communication. A European public debate on Climate Change. Giuseppe Pellegrini, University of Padova

"Future citizens" discussing issues of today. How do children handle climate change issues in relation to their own lives? Malin Ideland, Malmö University; Claes Malmberg, Malmö University

Sustainable Development as "Troubling" Knowledge in Teacher Education. Hanna Sjögren, Linköping University

### 238. New information and communication technologies and old organizational challenges

9:00 to 10:30 am Solbjerg Plads: SPs10

Chair: Daniel Kreiss, University of North Carolina

### **Participants:**

Developing Technologies of Control: Producing Political Participation in Online Electoral Campaigning. Daniel Kreiss, University of North Carolina at Chapel Hill

From Public Journalism to the Public's Journalism? Innovation and Tradition in the "Next Mayor" Project. Christopher W. Anderson, City University of New York

The Technological Basis of Organizational Membership: Passive Democratic Feedback on Third-Wave Membership Organizations. David Karpf, University of Pennsylvania

Conceptualizing interactive technologies as environmental infrastructures. Heather Wiltse, Indiana University; Erik Stolterman, Indiana University

Discussant: Daniel Kreiss, University of North Carolina at Chapel Hill

### 239. (63) Biotechnologies and immigration - I

9:00 to 10:30 am Solbjerg Plads: SPs12

Chair: Torsten Heinemann, Goethe University Frankfurt

### **Participants:**

Biological citizenship revisited: The use of DNA analysis by immigration authorities in Europe. Ilpo Helén, University of Helsinki; Thomas lemke, Goethe University, Frankfurt am Main

Border Control and the Shaping of a Non-Public. An Actor-Network Perspective on Europe's Technological Frontiers. Huub Dijstelbloem, University of Amsterdam

#### SCIENTIFIC PROGRAM

**Biopolitics and Ethics at the Greece-Turkey Border.** Ozgun E Topak, Queen's University

DNA and Immigration: A comparative analysis of DNA testing for family reunification in Austria, Finland, and Germany. Torsten Heinemann, Goethe University Frankfurt; Ursula J. Naue, University of Vienna; Anna-Maria Tapaninen, University of Helsinki

### 240. Affective ecologies I

9:00 to 10:30 am Solbjerg Plads: SPs13

Chair: Natasha Myers, York University

### **Participants:**

Smell and the City: Mapping the Olfactory Ecologies of Urban Space. Kelly Ladd, York University

Canine Cartography: On the Biopolitics of Poodles. Peter Hobbs, York University

Exploring the Local Ecologies of Farmstead Cheesemaking. Heather Paxson, MIT

**Discussant:** Etienne Benson, Max Planck Institute for the History of Science

# 241. (20) Rearranging research relations: the making of new forms of collaboration between STS and science and engineering - I

9:00 to 10:30 am Solbjerg Plads: SPs14

Chairs: Susan Molyneux-Hodgson, University of Sheffield; Paul Anthony Martin, University of Sheffield

**Participants:** 

Between a rock and a hard place: the future of social science engagement with the life sciences. Paul Anthony Martin, University of Sheffield

From an ethics of restriction to an ethics of construction The role of ELSA researchers. Rune Nydal, Department of Philosophy. Norwegian university of science and technology

Collaboration as a research method? Navigating social scientific involvement in synthetic biology. Jane Calvert, University of Edinburgh

Promiscuity and Purity: Some thoughts on collaborative relationships. Andrew Balmer, University of Manchester

### 242. Situated technological literacy in organisations

9:00 to 10:30 am Solbjerg Plads: SPs16

Chair: Cathrine Hasse, Aarhus University

### **Participants:**

Caring for Plastic – accounting for simulation-based training in nursing education. Ann Katrine Bønnelykke Soffer, Aarhus University, School of Education

Modes of Ethics in Professionalism - A Study of Moral Literacy in Technological Care Work. Katia Dupret Søndergaard, University of Aarhus; jo Krøjer, Roskilde University Center Learning Relational Technological Literacy. Cathrine Hasse, Aarhus University

Teachers perspectives on technology in their teaching practice. Ann-Therese Arstorp, Aarhus University

Approaching dimensions of technology in practice: Forming an ecological view from the views of teachers and nurses. Jamie Wallace, University of Aarhus

**Discussants:** Peter-Paul Verbeek, University of Twente; Don Ihde, Stony Brook University

#### SCIENTIFIC PROGRAM

### 243. Categorical cartographies: Property, place and displacement in global health research

11:00 to 12:30 pm Solbjerg Plads: D.2.20

Chair: Javier Lezaun, Institute for Science, Innovation and Society, University of Oxford

### **Participants:**

Brazilian Probes, African Pills: History and Resistance in Global Health. Ari Samsky, Princeton University

Patented Drugs and their 'Others': Interrogating the Political and Social Meanings of Counterfeit Medicines in sub-Saharan Africa. Emilie Cloatre, Kent Law School, University of Kent

Telescoping Time to Discovery: Spatial and Temporal Domaining in Global Drug Development Partnerships. Catherine Montgomery, Institute for Science, Innovation & Society, University of Oxford

Intellectual Property Rights in Clinical Trials and Modes of Collaboration in South Asia. Salla Sariola, Durham University

**Discussant:** Rob Hagendijk, Universiteit van Amsterdam

### 244. Entanglements of science and justice (part 2)

11:00 to 12:30 pm Kilen: K143

Chair: Jennifer Fishman, McGill University

### **Participants:**

Morality, Justice, and Biomedical Obstetrics: Views from a Rural Indonesian Clinic. Vanessa Hildebrand, Case Western Reserve University Justice in the context of family balancing. Michelle McGowan, Case Western Reserve University

The Ethics of Algorithms. Kelly A. Joyce, College of William and Mary

The New Sexual Politics of Cancer: From Oncoviruses to Sexual Health. Laura Mamo, San Francisco State University; Steven Epstein, Northwestern University

**Discussant:** Laura Mamo, San Francisco State University

### 245. Models and simulations: Shaping science and society - II

11:00 to 12:30 pm Kilen: K146

**Chair:** Joakim Juhl, The Technical University of Denmark (DTU). Department of Management Engineering

### **Participants:**

**Problem identification through mathematical models.** Stig Andur Pedersen, Roskilde University

Validation of Simulation Models. Muniza Rehman, Section for Philosophy and Science Studies, Roskilde University

Weather Vane Science: Simulation in the Era of Academic Capitalism. Steve G. Hoffman, University at Buffalo, SUNY

Whose Weather Is It Anyway? Calculating Risk at the National Weather Service. Phaedra Daipha, Rutgers University

### 246. (47) Screen realities, synthetic situations, and scopic media - II

11:00 to 12:30 pm Kilen: K150

**Chairs:** Niklas Woermann, SDU Odense, Uni of Constance; Vanessa Dirksen, University of Constance; Stefan Beljean, University of Konstanz

### **Participants:**

**Life on screens: monitoring hearts in home and clinic.** Karen Dam Nielsen, Centre for Medical Science and Technology Studies, University of Copenhagen

#### SCIENTIFIC PROGRAM

Learning to interact in screen-mediated social situations. Erna Håland, NTNU-IVR; Line Melby, Norwegian University of Science and Technology

Immersion and Emergence in Synthetic Situations. Vanessa Dirksen, University of Constance

Infra-setting: ethnomethodology for Information Infrastructure studies. Gian Marco Campagnolo, University of Edinburgh; Giolo Fele, University of Trento; Neil Pollock, University of Edinburgh; Robin Williams, University of Edinburgh

Videocommunication and the performing ordinary and institutional situations as multimedia events. Christian Licoppe, Telecom Paristech

### 247. (03) Dis/placing medical technologies in theory and practice

11:00 to 12:30 pm Kilen: K275

Chairs: Jenna Grant, University of Iowa; Lara Braff, University of Chicago; Nayantara Sheoran, George Mason University

### Participants:

Designing risk(y) subjects: Survey research as an instrument of biomedicalization. Aaron T Norton, University of California, Davis

Movements and emplacements of drinking: the ingestion of alcohol among an Amazonian people. Camila Becattini P. de Caux, Museu Nacional/UFRJ - Brasil

Visual practices and routinization of ultrasound in Phnom Penh. Jenna Grant, University of Iowa

Medical Technology, Technological Artifact: A Global Hospital in Maine. Susan E Bell, Bowdoin College

Discussant: Ayo Wahlberg, University of Copenhagen

### 248. Steve Fuller's "Humanity 2.0"

11:00 to 12:30 pm Kilen: Ks43

Chair: Francis Remedios, Editorial Board Member Social Epistemology

### **Participants:**

**Post-humans, enhancement and the species identity problem.** Sarah Chan, The University of Manchester

A Manifest Apathy: Reflections on the Prospect of Humanity 2.0. Thomas Basbøll, Copenhagen Business School

The Biological Challenge to the Social Sciences and the Response of Intelligent Design. Gregory Sandstrom, Lithuania University of Educational Sciences

Where Is the 'There' in the Posthuman 'Being There'? David M. Berry, Swansea University

**Discussant:** Steve Fuller, University of Warwick

### 249. (07) The politics of techno-embodiment in the age of pharma commerce - II

11:00 to 12:30 pm Kilen: Ks48

Chairs: Anna Bredström, Institute for Research on Migration, Ethnicity and Society, Linköping University, Sweden; Marianne Winther Jørgensen, Culture, Society and Media production, Dept for Studies of Social Change and Culture

### **Participants:**

New materialism and political potential: A critique of Karen Barad's agential realism. Marianne Winther Jørgensen, Culture, Society and Media production; Dept for Studies of Social Change and Culture

Learning Nico-Rette from Nico-Wrong: Pharmaceutical Designs on Nicotine and the Displacement of the Cigarette-Smoker. Mark Elam, University of Gothenburg

#### SCIENTIFIC PROGRAM

Ethnicity and Antidepressants: Racialising the "Neurochemical Self". Anna Bredström, Institute for Research on Migration, Ethnicity and Society, Linköping University, Sweden

Productivity quotas in the regulatory evaluation of drugs for safety. Jennifer Cuffe

### 250. (100) Displacing the laboratory and STS with it: new modes of engagement - What is a lab? - I

11:00 to 12:30 pm Kilen: Ks54

Chair: Ana Viseu, York University

### **Participants:**

Producing Credits and Profits: Biotechnology in China's Scientific Transformation. Wen-Ching Sung, University of Toronto

Neoliberalism, Innovation, and the Interpretive Potential of Laboratory Studies. Mary Ebeling, Drexel University; Amy E. Slaton, Drexel University

Technology Assessment as ,Laboratory' – On the role of TA in the process of shaping emerging technologies. Torsten Fleischer, Institute for Technology Assessment, Karlsruhe Institute of Technology

**Give Me a Laboratory and I Will Raise the World...Out of Poverty?** Margarita Rayzberg, Northwestern

**Developing scientific instruments, shaping new laboratories.** Federico Neresini, University of Padua

### 251. (105) Governance of nanotechnologies: risks and benefits for development - II

11:00 to 12:30 pm

Kilen: Ground floor - Ks71

**Chairs:** Koen Beumer, Maastricht University; Wiebe E. Bijker, Maastricht University

### **Participants:**

China's High-Tech Push: Can Nanotechnology Contribute to More Equitable Development? Richard Appelbaum, University of California, Santa Barbara; Rachel Parker, University of California, Santa Barbara

How government and labs in universities are designed and engaged in developing Nano-technologies? Feng Li, Tsinghua University

Unlikely Allies and Competing Authorities in Chemical Regulation. Alissa Cordner, Brown University; Phil Brown, Brown University; Margaret Mulcahy, Brown University

### 252. (62) Monitoring, identifying, displacing: on everyday surveillance & security practices - II

11:00 to 12:30 pm Solbjerg Plads: SP112

Chair: Michael Nagenborg, University Tübingen

### **Participants:**

Vernacular Video Analysis: The digitalization of the professional vision. Rene Tuma, TU Berlin

Norms in information systems for sustainability. Baki Cakici, Stockholm University

Banking on (the) Line: Security & Authentication Practices in the Minimization of Internet Crime. Lena Ewertsson, Halmstad University and Gothenburg Research Institute, University of Gothenburg

Seeing like a citizen: Challenging surveillance in the biometric state. Aletta Norval, Department of Government, University of Essex; Elpida Prasopoulou, Department of Government, University of Essex

#### SCIENTIFIC PROGRAM

### 253. (98) Mapping the dynamics of the social sciences and humanities

11:00 to 12:30 pm Solbjerg Plads: SP113

**Chair**: David Budtz Pedersen, Center for Semiotics, Aarhus University **Participants**:

Mapping SSH - mixed methods and mixed feelings. Katja Mayer, Department of Social Studies of Science, University of Vienna

**EASST conferences (1983-2010): mapping the evolution of STS in Europe.** Fred Steward, Policy Studies Institute, Westminster U; Athena Piterou, University of Greenwich

Inscribed and circumscribed by citations – Indicators, impact and quality in the humanities and social sciences. Gustaf Nelhans, University of Gothenburg

# 254. (11) Smart Homes: designing care, work, care technologies, and living at home - II + Disability studies and STS

11:00 to 12:30 pm Solbjerg Plads: SP114

**Chairs:** Sisse Finken, University of Oslo; Christina Mörtberg, Linneaus University, Sweden; Vasilis Galis, Linköping University; Ursula J. Naue, University of Vienna

### **Participants:**

**Ability or Disability - Design for whom?** Hanne Lindegaard, DTU Management Engineering, Technical University of Denmark; Søsser Brodersen, Department of Development and Planning, Aalborg University

**Smart homes: in- and exclusions in design.** Sisse Finken, University of Oslo; Christina Mörtberg, Linneaus University, Sweden

Politics of Hearing' – The appliance of new, assistive technologies in context of Deafness on the example of the Cochlear Implant. Stefanie Wrba, University of Vienna, Department of Political Science

Disability hybrid forums in the Senate Departments of Berlin. Katrin Grueber, IMEW; Vasilis Galis, Linköping University

Discussant: Laura Mauldin, City University of New York

### 255. (06) Evidence-based activism: patients' organizations and the governance of health - II

11:00 to 12:30 pm Solbjerg Plads: SP201

**Chairs:** Vololona Rabeharisoa, CSI Mines-ParisTech; Tiago Moreira, Durham University; Madeleine Akrich, CSI Mines ParisTech

### **Participants:**

"Well, it's not healthy." Negotiating embodied knowledge and medico-moral definitions of obesity. Theresa Oehler, University of Vienna

ADHD in France and Ireland: Parents' groups' scientific and political framing of an unsettled condition. Claire Edwards, University College Cork, Ireland; Etaoine Howlett, University College Cork; Madeleine Akrich, CSI Mines ParisTech; Vololona Rabeharisoa, CSI Mines-ParisTech; Orla O'Donovan, University College Cork

From silence to epistemic empowerment: the creation of a collaborative device around stuttering. Daniel Neves Costa, Centre for Social Studies

Rearranging aetiologies and caring practices: Transgender in the making. Esther Ortega, Universidad de Santiago de Compostela; Carmen Romero-Bachiller, Universidad Complutense de Madrid

Childbirth activism as evidence-based activism. Madeleine Akrich, CSI Mines ParisTech; Maire Leane, University College Cork; Celia Roberts, Lancaster University; Joao Arriscado Nunes, CES University of Coimbra

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### 256. Investigating citizenship in a technological culture

11:00 to 12:30 pm Solbjerg Plads: SP202

Chair: Erik Aarden, STS Program, Kennedy School of Government, Harvard University

### Participants:

Citizenship and security technologies: a critical perspective. Govert Valkenburg, Zuyd University

Privatizing Biomedical Citizenship. Jonathan Kahn, Hamline University

(In)visible demarcations: Ambivalence in engagement on technology-related issues. Ulrike Felt, University of Vienna

**Exploring Sites of Scientific Citizenship: mediating a 'Low Carbon Scotland'.** Beverley Jane Gibbs, University of Nottingham, United Kingdom

Discussant: Sheila Jasanoff, Harvard University

### 257. (52) Non-users, neglected users and antiusers - II

11:00 to 12:30 pm Solbjerg Plads: SP205

**Chair:** Morten Krogh Petersen, DTU Management Engineering, Section of Innovation and Sustainability

### **Participants:**

The Methodological Mind-set: How methods of gerontechnological user involvement foreground ageist images of older persons. Alexander Peine, Utrecht University; Louis Neven, Utrecht University

**Users, non-users and 'resistance' to pharmaceuticals.** Kate Weiner, University of Manchester; Catherine M Will, University of Sussex

How diversity gets lost: Age and gender in design practices of information and communication technologies. Nelly Oudshoorn, University Twente; Louis Neven, University of Twente

The paradoxical powers of anti-users: examples from a pilot implementation of a hospital information system. Line Melby, University of Oslo; Pieter Toussaint, Norwegian University of Science and Technology

### 258. Citizen-science: The 3.11 disasters and non-experts in action

11:00 to 12:30 pm Solbjerg Plads: SP207

Chair: Kohta Juraku, Tokyo Denki University

### **Participants:**

Activities of Concerned Scientists and Engineers of Japan after the Fukushima Accident. Kotaro Kuroda, Meijo University

Functions of Twitter after 3.11 Disaster: Deliberative Tool or Echo Chamber Apparatus? Mikihito Tanaka, Waseda University

The Nuclear Accident in Fukushima and Popular Views on Science in Japan. Toshinori Yamaki, Tokyo Institute of Technology / Fukushima Prefectural Tamura High School

Discussant: Kohta Juraku, Tokyo Denki University

### 259. (14) Beyond finality: design and displacement of death in biomedical practices - II

11:00 to 12:30 pm Solbjerg Plads: SP208

**Chairs:** Klaus Hoeyer, University of Copenhagen; Linda F. Hogle, University of Wisconsin--Madison

**Participants:** 

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Signing Off: Whole Body Donation and its Dis-contents. Susan E Lederer, University of Wisconsin School of Medicine and Public Health

**Orchestrating the death of the organ donor.** Anja Marie Bornø Jensen, Department of Public Health, University of Copenhagen

Hard graft: Living on after heart transplantation. Margrit Shildrick, Linkoping University

Simulating resuscitation – material and social practices as mediators of knowledge and meaning. Karolina Lindh, Department of Arts and Cultural Sciences, Lund University, Sweden

**Discussion.** Klaus Hoeyer, University of Copenhagen; Linda F. Hogle, University of Wisconsin--Madison

### 260. (49) Design practices: material-discursive entanglements and interventionist approaches - I

11:00 to 12:30 pm Solbjerg Plads: SP210

Chair: Yvonne Dittrich, IT University Copenhagen

#### Participants:

Critical Design Practice with Crises in Mind. Lisa Anne Wood, lancaster University; Monika Buscher, Centre for Mobilities Research, Lancaster University; Leonardo Ramirez, Fraunhofer Institute FIT, Bonn, Germany

Three Regimes of Technoscience. Andrew Feenberg, Simon Fraser University Affective codings and discursive plasticity. Doris Allhutter, Austrian Academy of Sciences, ITA

Contested strategies for user involvement in product development. Ulrik Jørgensen, Aalborg University; Yutaka Yoshinaka, Technical University of Denmark

## 261. Beyond dual-use (part 2): Reconsidering the relationship between science and security

11:00 to 12:30 pm Solbjerg Plads: SP212

Chair: Haico Te Kulve, University of Twente

#### **Participants:**

The H5N1 Controversy: Where Science Studies Meets Intelligence Practitioners. Kathleen M Vogel, Cornell University

A Bulwark at the Border of Science and Technology: The ontological foundations for a scientific commons in the age of Dual-Use concerns. David Koepsell, Technical University Delft

**Dual-Use Dynamics: Exploring the Connections between Concept and Context.** Keelie L.E. Murdock, Rathenau Institute; Barend van der Meulen, Rathenau Institute

Discussant: Barend van der Meulen, Rathenau Institute

# 262. (104) The governance of innovation and socio-technical systems: design and displacements - I

11:00 to 12:30 pm Solbjerg Plads: SP213

**Chairs:** Susana Borras, Copenhagen Business School; Jakob Edler, University of Manchester

#### **Participants:**

The Governance of Change in Socio-technical and Innovation Systems: Building blocks for a theory. Susana Borras, Copenhagen Business School; Jakob Edler, University of Manchester

Governance of the Discontinuation of Socio-Technical Systems. Stefan Kuhlmann, University of Twente; Peter Stegmaier, Department of Science, Technology, and Policy Studies; Vincent Visser, University of Twente

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The governance of innovation and innovation in governance. Jeremy Rayner, University of Saskatchewan

**Technology decision making processes and innovation indicators.** Nuno Boavida, Karlsruhe Institute of Technology (KIT) - Institute for Technology Assessment and System Analysis (ITAS)

### 263. (74) Knowing and working in hybrid research spaces - I

11:00 to 12:30 pm Solbjerg Plads: SP214

Chair: Maximilian Fochler, University of Vienna

#### **Participants:**

Art, genomics and method. Art-science as 'third space'. Matthias Wienroth, University of Edinburgh; Pippa Goldschmidt, ESRC Genomics Policy and Research Forum

The Visualizing Subject and the Art/Science Production Process. Keith A Woodward, University of Wisconsin-Madison; Harriet H. M. Hawkins, Royal Holloway University of London; Sallie A Marston, University of Arizona

What are science classrooms for? Research in hybrid classroom spaces. David Stroupe, University of Washington

The tension between academic knowledge production and online peer production. Eduard Aibar, Universitat Oberta de Catalunya

## 264. (36) Practice theory and beyond: emerging approaches to studying energy consumption - I

11:00 to 12:30 pm Solbjerg Plads: SP216

**Chairs:** Kirsten Gram-Hanssen, Danish Building Research Institute, Aalborg University; Toke Haunstrup Christensen, Danish Building Research Institute, Aalborg University; Ruth Rettie, Kingston University; Kevin Burchell, Kingston University

#### **Participants:**

An Interdisciplinary Approach to Researching Residential Energy Consumption: A Holistic Practices Focus. Chris Foulds, University of East Anglia

**Performing ultra-low energy consumption in passive houses.** Michael Ornetzeder, Austrian Academy of Sciences

The learning of energy efficient technologies. Charlotta Isaksson, University West

**Projects, activities and appliances: A new energy order.** Helena Karresand, Linköping University

How can Central Heating Installation Influence Habitual Space Heating Practices? Faye Wade, UCL - Energy Institute

### 265. On STS and Psychology

11:00 to 12:30 pm Solbjerg Plads: SPs01

Chair: Marcia Oliveira Moraes, Universidade Federal Fluminense

#### **Participants:**

Blindness in action: Notes on practices of rehabilitation with people visually disabled. Marcia Oliveira Moraes, Universidade Federal Fluminense

Psychological researches as subjectivities factories: the naïve subject designs. Arthur Arruda Leal Ferreira, Federal University of Rio de Janeiro

The Mental Test as a Boundary Object in the Early-20th-Century Russian 'Child Science'. Andy Byford, Durham University, UK

### 266. (70) Science and the impact of organizational practices - II

11:00 to 12:30 pm Solbjerg Plads: SPs03

#### SCIENTIFIC PROGRAM

**Chair:** Finn Hansson, Copenhagen Business School, Dept. of MPP **Participants:** 

On the way to academic search engine optimization? René König, Karlsruhe Institute of Technology

Negative Impacts: The Role of Journal Impact Factor in Scientific Publishing. Edwin Siu, Florida State University, Program in History and Philosophy of Science

Researcher Profiles: Accounting for Nonstandard Scholarly Output. Clifford Tatum, Leiden University - Centre for Science and Technology Studies; Paul Wouters, Centre for Science and Technology Studies, Leiden University

Covering scholarly books in bibliographic databases: promises and problems. Frederik Thomas Verleysen, University of Antwerp (ECOOM-UA)

Changing governance of research activities: transnational convergence vs. diverse impacts. Inga Ulnicane-Ozolina, University of Twente

### 267. (94) Emotions and affects in science: communities, spaces, and bodies - I

11:00 to 12:30 pm Solbjerg Plads: SPs05

Chairs: Staffan Bergwik, Dept. for History of Science and Ideas Uppsala University; Helena Pettersson, Umeå University

#### **Participants:**

Imaging Famine: Photography, Philanthropy and the Global Circulation of Emotions. Anindita Nag, Jawaharlal Nehru University, New Delhi

Imitating emotions? Hans Pettersson and the passions of early twentieth century oceanography. Staffan Bergwik, Dept. for History of Science and Ideas Uppsala University

**Post-War Information Systems and the Digitization of Anxiety.** Luke Stark, Department of Media, Culture, and Communication, New York University

On the Margins of Scientific Reports: Archaeology, Local Communities and Emotions in Eastern Turkey. Laurent Dissard, University of Pennsylvania

Mexican varieties of maize: the result of emotional knowledge production. Wendy Cano, University of the Basque Country (UPV/EHU); Andoni Ibarra, University of the Basque Country

### 268. (15) Knowledge production in the life sciences - II

11:00 to 12:30 pm Solbjerg Plads: SPs07

**Chairs:** Manuela Perrotta, Norwegian University of Science and Technology; Kristin Spilker, Department of Interdisciplinary Studies of Culture, NTNU

#### **Participants:**

Knowing the (blood) stem cell: Natural kind or biomedical construct? Christine Hauskeller, University of Exeter, Sociology and Philosophy; Alison Kraft, University of Nottingham

Doing Research from Platform g ¾. Marie Auensen Antonsen, NTNU, Trondheim

Sankofa Science-Making: A new-old toolkit for designing participatory science. Ruha` Benjamin, Boston University

**Rosettes don't exist, but are very real!** assunta viteritti, University of Rome Sapienza

### 269. (23) + (31) Configuring Climates - II

11:00 to 12:30 pm Solbjerg Plads: SPs08

#### SCIENTIFIC PROGRAM

Chairs: Lea Schick, IT University; Arno Simons, Technische Universität Berlin; Aleksandra Lis, Central European University in Budapest; Ingmar Lippert, Augsburg University

#### **Participants:**

Sociotechnical imaginaries in Polish energy policy – preliminary analysis. Agata Stasik, Institute of Sociology, University of Warsaw

From Global to Local: The Civic Epistemologies of Urban Climate Change. Michael Mendez, UC Berkeley

A history of the Passive House. The (in)stability of an immutable mobile. Liana Mueller, NTNU; Thomas Berker, Norwegian University of Science and Technology

**Shifting Aesthetics of Sustainable Energy Infrastructure.** Elizabeth Monoian, Society for Cultural Exchange; Robert Ferry, Land Art Generator Initiative

#### 270. (84) Aesthetics in technological practices - I

11:00 to 12:30 pm Solbiera Plads: SPs10

**Chairs:** Dick Willems, University of Amsterdam; Jeannette Pols, Amsterdam Medical Centre

#### **Participants:**

Aesthetics and Technological Innovation in Healthcare. Dick Willems, University of Amsterdam; Jeannette Pols, Amsterdam Medical Centre

**Aesthetics as a technology of care in mental health services.** Brigit Morris Colton, Lancaster University

An aesthetics of care? Attraction, attachment and alignment in online multiple sclerosis communities. Fadhila Mazanderani, University of Warwick; John Powell, University of Warwick

Cultures of Design in craft livelihoods: Interventions and Ideals. Annapurna Mamidipudi, Maastricht University; Wiebe E. Bijker, Maastricht University

271. (63) Biotechnologies and immigration - II

11:00 to 12:30 pm Solbjerg Plads: SPs12

Chair: Ilpo Helén, University of Helsinki

**Participants:** 

The Ethics of DNA analysis for family reunification. Martin G. Weiss, University of Klagenfurt / Department of Philosophy

**Biotechnologies of the Border: The "data bodies" within Eurodac.** Vassilis S. Tsianos, University of Hamburg, School of Economics and Social Sciences; Brigitta Kuster, University of Hamburg, Department of Sociology

Categories of 'Migrants', 'Race' or 'Ethnicity' in Genetics and Medicine – the German Case. Andrea zur Nieden, Institut für Geschichte der Medizin, Heinrich-Heine-Universität Düsseldorf, Germany

#### 272. Affective ecologies II

11:00 to 12:30 pm Solbjerg Plads: SPs13

Chair: Maria Puig de la Bellacasa, University of Leicester

**Participants:** 

**Shifting grounds: recomposing soil ecologies.** Maria Puig de la Bellacasa, University of Leicester; Dimitris Papadopoulos, University of Leicester

Affective Ecologies, Atmospheric Chemistries, and the Sciences of Plant Communication. Natasha Myers, York University

Tracing Nature's Displacements: The European Expansion of a Bird Species. Jens Lachmund, Maastricht University

Discussant: Stefan Helmreich, MIT Anthropology

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# 273. (20) Rearranging research relations: the making of new forms of collaboration between STS and science and engineering - II

11:00 to 12:30 pm Solbjerg Plads: SPs14

**Chairs:** Susan Molyneux-Hodgson, University of Sheffield; Paul Anthony Martin, University of Sheffield

#### **Participants:**

'We must avoid another GM!' Synthetic biology's call for help from social scientists. Claire Marris, King's College London

Securing the Data Economy: translation, entente, sousveillance. Madeleine J Murtagh, University of Leicester; Barnaby Murtagh, University of Leicester; Ipek Demir, University of Leicester; K Neil Jenkings, University of Newcastle; Susan E Wallace, University of Leicester; Phillippe LaFlamme, Ontario Institute for Cancer Research; Vincent Ferretti, Ontario Institute for Cancer Research; Paul R Burton, University of Leicester

Creating a Developmental State out of "Nano"? Rationales and Rhetoric of Government Funding for Nanotechnology in the Developing World. So Young Kim, Korea Advanced Institute of Science and Technology

### 274. (92) Connecting and comparing concepts of practice - I

11:00 to 12:30 pm Solbjerg Plads: SPs16

**Chairs:** Elizabeth Shove, Lancaster University; Nicola Jane Spurling, Manchester University; Gordon Walker, Lancaster University

#### **Participants:**

Pragmatist, praxeological, or performative? Versions of practice theory, their philosophical roots, and a way forward. Niklas Woermann, SDU Odense, Uni of Constance

**Standardising practices: the circulation of organic farming through certification.** Maarten van der Kamp, University of Cambridge

**Theories of practice and socio-technical system transition.** Matt Watson, University of Sheffield

Mol meets Knorr Cetina: Two concepts of practice that are currently not on speaking terms. Stefan Laube, Institute for Advanced Studies (IHS), Vienna; Katja Schoenian, Institute for Advanced Studies (IHS), Vienna, Department of Sociology

# 277. (08) New forms of expertise and the new understanding of human difference in autism research and care

2:00 to 3:30 pm Solbjerg Plads: D.2.20

Chairs: Gil Eyal, Columbia University; Daniel Navon, Columbia University

#### **Participants:**

**Redefining Autism through a Genetic Lens.** Jennifer Singh, Georgia Institute of Technology

Autism as an 'Epidemic of Signification': Exploring the Affective Terrain of Autism Activism. Michael Orsini, University of Ottawa; Sarah Wiebe, University of Ottawa

Autism and performance in visual analytics: a research programme. Richard Arias-Hernandez, Simon Fraser University

The trading zone of autism genetics and the emergence of new categories of human difference. Daniel Navon, Columbia University; Gil Eyal, Columbia University

Discussant: Sarah Richardson, Harvard University

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### 278. Development and STS: empirical diversity, theory and methods

2:00 to 3:30 pm Kilen: K143

**Chairs:** Veronica Brodén, Linköping University; Wenda Bauchspies, Georgia Institute of Technology

#### **Participants:**

The charismatic boundary object: Children, XOs, and the myth of neoliberal education. Morgan Ames, Stanford University

Future Tense: Developing notions of ICT use in Jamaica. Kaiton Williams, Cornell University

**Knowledge on the move: Understanding development aid.** Hilde Reinertsen, Centre for Technology, Innovation, and Culture, University of Oslo

Organic Development: Reagency and the Production of Knowledge. Antony Palackal Varghese, Loyola College of Social Sciences; Wesley Shrum, Louisiana State University; Paige Miller, University of Wisconsin, River Falls; Mark Schafer, Louisiana State University; Matthew LeBlanc, Louisiana State University

Some of the Trees in the STS/Development Forest and Their Challenges to Theory. Veronica Brodén, Linköping University; Wenda Bauchspies, Georgia Institute of Technology

Innovation in Informal Settings – a research agenda. Susan Cozzens, Georgia Institute of Technology; Judith Sutz, Universidad de la Republica Uruguay

### 279. Spatiotemporalities I - Infrastructure and the Long Now

2:00 to 3:30 pm Kilen: K146

Chair: David Ribes, Georgetown University

#### **Participants:**

**Data bite man: the work of sustaining a long-term study.** David Ribes, Georgetown University; Steven Jackson, University of Michigan

Time to Degree: How Graduate Students Experience the Long Term. R. Stuart Geiger, UC-Berkeley

Infrastructure cascades for interesting times. Ben Li, University of Oulu

Infrastructure Time: Long-term Matters in Continuing Design. Karen S Baker, UIUC - University of Illinois Urbana-Champaign; Florence Millerand, Universite du Quebec a Montreal; Helena Karasti, University of Oulu, Finland

**Discussants:** Geoffrey Bowker, University of California-Irvine Eeva Furman, Finnish Environment Institute

### 280. (47) Screen realities, synthetic situations, and scopic media - III

2:00 to 3:30 pm Kilen: K150

**Chairs:** Niklas Woermann, SDU Odense, Uni of Constance; Vanessa Dirksen, University of Constance; Stefan Beljean, University of Konstanz

#### **Participants:**

Looking at computer screens: from reflection to diffraction patterns. Felipe Raglianti, Sociology Department, Lancaster University

In the Wild and Under Attack. Dismounted Infantry Combat and the Limits of Mediatization. Stefan Beljean, University of Konstanz

The Scientific Styles of e-Research. Ralph Schroeder, University of Oxford; Eric T. Meyer, University of Oxford

Spontaneous strategies in innovation networks: Materialities in the stabilization of virtual worlds. Emil Krastrup Husted, Depart-

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ment of Organization, Copenhagen Business School; Ursula Plesner, Copenhagen Business School

### 281. Transparency and public engagement

2:00 to 3:30 pm Kilen: K275

Chair: Mikkel Flyverbom, Copenhagen Business School

#### **Participants:**

**Organizational transparency in the Internet industry.** Mikkel Flyverbom, Copenhagen Business School

Radical Transparency as an Ideology of Control. Jan Nolin, The Swedish School of Library and Information Science, University of Borås; Nasrine Olson, The Swedish School of Library and Information Science

Science engaging Society: An Experiment in Co-Production. Bela Irina Passos Natário Castro, Centre for Social Studies; Daniel Neves Costa, Centre for Social Studies; Rita Serra, Centre for Social Studies; Sandra Silva, Institute for Molecular and Cell Biology; José Julio Borlido-Santos, Institute for Molecular and Cell Biology; Sónia Martins, Institute for Molecular and Cell Biology; Joao Arriscado Nunes, CES University of Coimbra

### 282. On the journal Social Epistemology's twentyfifth anniversary

2:00 to 3:30 pm Kilen: Ks43

Chair: James Collier, Virginia Tech

#### **Participants:**

Designing the Reception of Academic Work: Elements of Social Epistemology's Way Forward. James Collier, Virginia Tech

Can an Open-Ended World Be the Basis for an Open Society? A 21st Century Challenge for Social Epistemology. Steve Fuller, University of Warwick

The Social Epistemology That Isn't But Could Be. Joan Leach, University of Queensland

283. (71) The impact of 'impact': public-making and pseudo science-engagement - I

2:00 to 3:30 pm Kilen: Ks48

Chair: Richard Watermeyer, Cardiff University

#### **Participants:**

Engaging stakeholders in science and technology: Adapted European Awareness Scenario Workshops in the INPROFOOD project. Christine Urban, Science Shop Vienna; Michael Straehle, Science Shop Vienna

Should I stay or should I go? - The role of the scientist in the decision to pursue stem cell treatments abroad. Megan Munsie, Stem Cells Australia

Innovations in Public Engagement and Participatory Performance of the Nations. Mikko Rask, National Consumer Research Centre Finland; Saule Maciukaite-Zviniene, Research and Higher Education Monitoring and Analysis Centre; Jurgita Petrauskiene, Research and Higher Education Monitoring and Analysis Centre

Challenging the "strategic maneuvering" of life scientists in public dialogue. Koen Dortmans, Radboud University; Maud Radstake, CSG Centre for Society and the Life Sciences, Radboud University; Tsjalling Swierstra, Maastricht University

284. (100) Displacing the laboratory and STS with it: new modes of engagement - Social scientists and the lab - II

2:00 to 3:30 pm Kilen: Ks54 SCIENTIFIC PROGRAM

Chair: Amy E. Slaton, Drexel University

#### **Participants:**

Big Social Science Lab for Small Technology:Interdisciplinary Collaboration at the Center for Nanotechnology in Society. Sharon Ku, National Institute of Health, USA

Integrating Concerns in the Semi-peripheral Context: The Case of a Brazilian Nanoscience Laboratory. Paulo de Freitas Castro Fonseca, Center for Social Studies, University of Coimbra

Post-academical insights and ethnographies. Robert Bhatt, Department of Culture & Media Studies, Ethnology, Umeå university, Sweden

**Give me an Embedded Humanist and I will Displace the Laboratory.** Erik Fisher, Center for Nanotechnology in Society at ASU; Sharon Ku, National Institute of Health, USA

Being an 'in-house' social scientist: The failures of integration. Ana Viseu, York University

### 285. (88) The design and displacement of social knowledge practices - I

2:00 to 3:30 pm

Kilen: Ground floor - Ks71

**Chairs:** Kristoffer Kropp, University of Copenhagen; Per Wisselgren, Umea University, Sweden

#### **Participants:**

Social Knowledge Production through Measurement in Social Sciences: Case of Work Life Research Measures. Katri-Maria Siponen, School of Social Sciences and Humanities, University of Tampere

(De-)Constructing Technoscientific Futures: On the Modalities of Social-Scientific Scenario Building. Gernot Rieder, University of Vienna - Department of Social Studies of Science

Aristocrats vs. Craftsmen: Understanding Where Today's Sociology is Going To. Lukasz Afeltowicz, Institute of Sociology, Nicolaus Copernicus University; Radoslaw Krzysztof Sojak, Institute of Sociology, Nicolaus Copernicus University

Measuring the Equity of School Systems in International Comparisons. Radhika Gorur, The Victoria Institute - Victoria University, Australia

Making of population: a welfare state inscribed into population knowledge. Marja Alastalo, University of Tampere

## 286. (62) Monitoring, identifying, displacing: on everyday surveillance & security practices - III

2:00 to 3:30 pm Solbjerg Plads: SP112

Chair: Jutta Weber, Institute of Media Studies

#### Participants:

**Social Profiling in the use of Sound Based Security Systems.** Cathleen Rose Grado, University at Buffalo

Privacy and Security in the Media: A European-wide Analysis. Jana Schuhmacher, Fraunhofer Institute for Systems and Innovation Research ISI; Simone Kimpeler, Fraunhofer Institute for Systems and Innovation Research ISI; Michael Friedewald, Fraunhofer Institute for Systems and Innovation Research ISI

**Privacy for Global Village Cyborgs.** Francis Harvey, University of Minnesota

Enacting Encryption: The Development of Encryption Technologies in the United Kingdom. Richard Fletcher, University of Surrey

Mundane technologies of distrust: Colombia, the future of the world? Malcolm Ashmore, Loughborough University; Olga Restrepo Forero, Universidad Nacional de Colombia

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## 287. (12) Redesigning age and ageing: anti-ageing science and medicine in the 21st century

2:00 to 3:30 pm Solbjerg Plads: SP113

Chair: Céline LaFontaine, university of Montreal

#### **Participants:**

From Degeneration to Regeneration: Ageing in the Age of Regenerative Medecine. Céline LaFontaine, university of Montreal

Anti-aging medicine as a "technology of the self"? Larissa Pfaller, FAU Erlangen Nürnberg - Germany; Mark Schweda, University of Goettingen

Redesigning reproductive ageing in Switzerland: biomedical technologies and the extension of fertility time. Nolwenn Bühler, Department of social and cultural anthropology, University of Zurich

DHEA and the fountains of youth: sociology of a medical promise. Boris Hauray, National Institute for Health and Medical Research/ IRIS; Sébastien Dalgalarrondo, CNRS/EHESS

## 288. (101) Situational analysis at work - researching work practices in science and engineering - I

2:00 to 3:30 pm Solbjerg Plads: SP114

Chairs: Anders Buch, Technical University of Denmark; Adele E. Clarke, University of California, San Francisco

#### **Participants:**

Methodological challenges of studying engineering design work and practice. Søsser Brodersen, Department of Development and Planning, Aalborg University; Rikke Premer Petersen, Aalborg University Copenhagen

**Situational Analysis of Engineering Practice.** Anders Buch, Technical University of Denmark

Displacing the patient – a situational analysis of strategic patient figures. Anja Svejgaard Pors, Copenhagen Business School, Department of Organization

Of mice, polemics and toxins (dis)placed on stage of public consultation. Situational analysis of the GMO-discourse in Poland. Yen Sulmowski, Leuphana University of Lueneburg

## 289. (06) Evidence-based activism: patients' organizations and the governance of health - III

2:00 to 3:30 pm Solbjerg Plads: SP201

**Chairs:** Vololona Rabeharisoa, CSI Mines-ParisTech; Tiago Moreira, Durham University; Madeleine Akrich, CSI Mines ParisTech

#### **Participants:**

**Assembling Dementia Care.** Tiago Moreira, Durham University; Orla O'Donovan, University College Cork; Etaoine Howlett, University College Cork

3 decades of knowledge activism: An Australian healthcare consumer organisation. Anni Dugdale, University of Canberra

The voice of the silence: UK patients' silent resistance to the assisted reproduction regulations. Ilke Turkmendag, Newcastle University

"Distributed expertise" and an opposition to the anti-vaccination movement in Poland. How the structures of knowledge are being challenged in the public debate. Andrzej Wojciech Nowak, Adam Mickiewicz University, Poznan

Pain, and Its Ventriloquists. Kyra Landzelius, LIME, Karolinska Institutet

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### 290. Lateral moves in STS: Tampering with the conceptual/empirical divide - I

2:00 to 3:30 pm Solbjerg Plads: SP202

Chair: Birgitte Gorm Hansen, Copenhagen Business School

#### **Participants:**

**Robust Scientists.** Birgitte Gorm Hansen, Copenhagen Business School

Cosmographic commitments: reimagining STS alongside Chinese medicine. Mei Zhan, University of California, Irvine

TOO BUSY FOR REFLEXIVITY? What Danish school managers can teach STS researchers about epistemological ideals and pragmatic morals. Helene Ratner, Copenhagen Business School

Liquidity with Fidelity: Lateralizations in Mobile Phone Enabled Financial Services. Bill Maurer, University of California, Irvine

### 291. (52) User communities and techno-scientific practices - III

2:00 to 3:30 pm Solbjerg Plads: SP205

Chair: Torben Elgaard Jensen, Technical University of Denmark

#### Participants:

The online sociotechnical organization of deviant technology users: the example of the iPhone "jailbreaking ". Paolo Magaudda, University of Padua

Governance of learning processes in transdisciplinary climate research projects. Wouter Boon, Rathenau Institute; Edwin Horlings, Rathenau Institute; Peter Van den Besselaar, VU University Amsterdam & Rathenau Instituut

User groups, knowledge and politics: expertise and activism in advocating traffic safety. Jane Summerton, University of Oslo

**Exploring and describing non-functional aspects of emerging design spaces.** Pedro Sanches, KTH, SICS

**Domesticating play.** Kristine Ask, Norwegian University of Science and Technology

# 292. Discourses of disaster: Post-3.11 Japanese and international perspectives on communication, science, and democracy

2:00 to 3:30 pm Solbjerg Plads: SP207

Chair: Atsushi Akera, Rensselaer Polytechnic Institute

#### **Participants:**

Politics of Risk Discourse on the Nuclear Disaster: Risk Communication and Beyond. Hideyuki Hirakawa, Osaka University

Effective Nuclear Regulation: Design, Displacement, and Democratic Discourse. William J Kinsella, North Carolina State University; Tudor B. Ionescu, University of Stuttgart

Reality Marginalized: How Have Science and "Science" Been Used in Discourse about Low Dose Radiation Exposure? Masashi Shirabe, Tokyo Institute of Technology

What Can a Nuclear Disaster Prove about Nuclear Energy?: Nuclear Scientists and Robustness of Nuclear Discourse in Post 3.11 Japan. Kenji Ito, Graduate University for Advanced Studies

Discussant: Atsushi Akera, Rensselaer Polytechnic Institute

### 293. (16) The end(s) of the Human Genome Project - I

2:00 to 3:30 pm Solbjerg Plads: SP208

**Chairs:** Adrian Mackenzie, Lancaster University; Ruth Margaret McNally, Anglia Ruskin University; Maureen McNeil, Lancaster University; Richard Tutton, Lancaster University

#### ------ B-----

#### Participants:

Biomedical expectations as projections into the future of constructed pasts: protein and DNA sequencing. Miguel Garcia-Sancho, Spanish National Research Council (CSIC)

After the Exuberance: Contested Futures of Personalized Medicine. Richard Tutton, Lancaster University

From Turkish Genome Project to Vision 2023: key attributes, actors, and the impact of biogeopolitics. Melike Sahinol, University of Duisburg-Essen; Emre Sunter, Middle East Technical University, Ankara

Genetics at the State Fair: Potentiality and Life Sciences Research after the Human Genome Project. Karen-Sue Taussig, University of Minnesota

Heroism in Genomics. Maureen McNeil, Lancaster University

## 294. (49) Design practices: material-discursive entanglements and interventionist approaches - II

2:00 to 3:30 pm Solbjerg Plads: SP210

**Chairs:** Doris Allhutter, Austrian Academy of Sciences, ITA; Christina Mörtberg, Linneaus University, Sweden

#### **Participants:**

The Legacy of the Scandinavian School of System Design and its Displacements. Hans Glimell, University of Gothenburg

Planning and Performativity in Urban Design – Experiences from a Swedish Case. Linus de Petris, Techoscience studies, Blekinge Institute of Technology; Pirjo Elovaara, Techoscience studies, Blekinge Institute of Technology

Knowledge on the move: index cards, post its, and the materiality of knowledge across design, development and academic contexts. Dawn Nafus, Intel Labs; Andrea Ballestero, Rice University

How to make privacy by design a driver for technology acceptance? Michael Hahne, Technical University Berlin

Facilitating and navigating user knowledge in an organizational context. Chistian Clausen, Aalborg University Copenhagen; Signe Pedersen, DTU Management Engineering; Yutaka Yoshinaka, Technical University of Denmark

### 295. (78) Engineering design, displacement in practice - I

2:00 to 3:30 pm Solbjerg Plads: SP212

Chair: Sarah Bell, University College London

#### **Participants:**

Freedom of or freedom from? Pluralism of values and determinism in design of technological artifacts. Gianluigi Viscusi, University of Milano-Bicocca

A Cautious Approach in the E-Humanities: Research as Design in a Science/Humanities Collaboration. Park Doing, Cornell

Gender-specific requirements for the design of human-machine interfaces. Siegfried Sharma, Vienna University of Technology, Institute of Management Science; Michael Filzmoser, Vienna University of Technology; Köszegi Theresia Köszegi, Vienna University of Technology, Institute of Management Science

The Chainsaw-Case: Gender-Specific Exclusions in Tool Design and Handling. Roswitha Hofmann, uebergrenzendenken; Gabriele Mraz, Austrian Institute for Ecology; Mathias Knigge, grauwert – Büro für demografiefeste Produkte und Dienstleistungen; Gabriele Bernhofer, Austrian Institute for Ecology

#### SCIENTIFIC PROGRAM

# 296. (104) The governance of innovation and socio-technical systems: design and displacements - II

2:00 to 3:30 pm Solbjerg Plads: SP213

**Chairs:** Susana Borras, Copenhagen Business School; Jakob Edler, University of Manchester

#### **Participants:**

Transitioning Sustainability: Performing 'governing by standards'. Allison Loconto, Institut National de la Recherche Agronomique/Institut Francilien Recherche Innovation Societe, Université Paris-Est Marne-la-Vallée; Marc Barbier, INRA, UR1326 Sciences en Société,

The Co-evolution of an Emerging Mobile Technology and the Services: the challenges of managing socio-technical transitions. Jee Hyun Suh, University of Edinburgh

Coupling epistemic and politico-economic claims in the Danish biofuel debate. Janus Hansen, Department of Business and Politics, Copenhagen Business School

The Framing of Network Neutrality Governance: Economists, Lawyers & Engineers. James Perry, Copenhagen Business School

### 297. (74) Knowing and working in hybrid research spaces - II

2:00 to 3:30 pm Solbjera Plads: SP214

Chair: Maximilian Fochler, University of Vienna

#### **Participants:**

Shifts between Epistemic and Applied Contexts in Humanities and Social Sciences. Juha Tuunainen, University of Helsinki; Terhi Esko, University of Helsinki; Reijo Miettinen, University of Helsinki

Between health and research: an ethnography & design study of the Technology Research for Independent Living (TRIL) clinic in St. James Hospital Dublin, Ireland. Chiara Garattini, Technology Research for Independent Living (TRIL) centre, University College Dublin; Marie Bay Brøndum, Copenhagen City Council; Ting Ting Shum, Technology Research for Independent Living (TRIL)centre, University College Dublin; Flip van den Berg, Technology Research for Independent Living (TRIL)centre, University College Dublin; Rose A. Kenny, Department of Medical Gerontology Trinity College Dublin

Coproducing knowledge in hybrid research spaces: hybrid management strategies as 'balancing acts'. Rik Wehrens, Institute of Health Policy & Management / Erasmus University

When research meets policy-making: a Brazilian case-study of a think-tank. Camila Carneiro Dias Rigolin, Federal University of São Carlos (UFSCAR), Brazil; Maria Cristina Innocentini Hayashi, Federal University of São Carlos (UFSCAR), Brazil

**Explaining Field Differences in Openness and Sharing of Scientific Knowledge.** Theresa Velden, Cornell University

## 298. (36) Practice theory and beyond: emerging approaches to studying energy consumption - II

2:00 to 3:30 pm Solbjerg Plads: SP216

Chairs: Kirsten Gram-Hanssen, Danish Building Research Institute, Aalborg University; Toke Haunstrup Christensen, Danish Building Research Institute, Aalborg University; Ruth Rettie, Kingston University; Kevin Burchell, Kingston University

#### **Participants:**

Designerly approaches to studying energy consuming practices. Lenneke Kuijer, Delft University of Technology

Sustainable design for intangibles: everyday design and experience of user values in energy practices. Svenja Jaffari, SPIRE Research Center, University of Southern Denmark

#### SCIENTIFIC PROGRAM

Emerging energy practices in the context of participation in green community organisations. Rebecca Wallbridge, University of Southampton; Milena Buchs, University of Southampton; Graham Smith, University of Southampton

Energy knowhow and practice: what do people need to know about energy? Kevin Burchell, Kingston University; Ruth Rettie, Kingston University; Tom Roberts, Kingston University

Practice theory and beyond: emerging approaches to studying energy consumption. Elena Battaglini, IRES (Economic & Social Research Institute)

**Practice routines: public and private.** Ruth Rettie, Kingston University

### 299. (70) Science and the impact of organizational practices - III

2:00 to 3:30 pm Solbjerg Plads: SPso3

Chair: Finn Hansson, Copenhagen Business School, Dept. of MPP

#### **Participants:**

**The Design of Science.** Alexandra Dr. Kraatz, iFQ - Institute for Research Information and Quality Assurance

**Designing for Multidisciplinary Open Access: PLoS ONE.** Lindsay Kelley, Public Library of Science

Do changes in science governance affect research direction and agendas? Laura Cruz-Castro, CSIC Institute of Public Goods and Policies (IPP); Pablo Kreimer, CONICET, Universidad Maimonides; Luis Sanz-Menendez, CSIC Institute of Public Goods and Policies (IPP)

Research on preferences in scientific collaboration between china's universities. Dechun Sha, Institute of Science, Technology and Society, Tsinghua University

### 300. (94) Emotions and affects in science: communities, spaces, and bodies - II

2:00 to 3:30 pm Solbjerg Plads: SPs05

**Chairs:** Staffan Bergwik, Dept. for History of Science and Ideas Uppsala University; Helena Pettersson, Umeå University

#### **Participants:**

'Vasudhaiva Kutumbakam': The Family in the 'Knowlede Economy'. Aalok Khandekar, Maastricht University

**Boundary Work and Symbolic Capital Exchange.** Helena Pettersson, Umeå University

Belonging in/to the laboratory: emotion, affect and scientific practice. Anne Kerr, University of Leeds; Lisa Garforth, Newcastle University

Tales of hope and fear. Postdocs, career-work and peer-to-peer relations in the life sciences. Ruth Mueller, Univ. of Vienna & Austrian Institute for International Affairs (oiip)

Affective labour and academic capitalism: the emotional politics of publishing. Dagmar Lorenz-Meyer, Charles University Prague

### 301. (15) Narratives of research and policy making in the life sciences - III

2:00 to 3:30 pm Solbjerg Plads: SPs07

**Chairs:** Manuela Perrotta, Norwegian University of Science and Technology; Kristin Spilker, Department of Interdisciplinary Studies of Culture, NTNU

#### **Participants:**

Reproductive or productive value? Embryonic life at the intersection of IVF and stem cell research in China. Kerstin Klein, Homerton University Hospital NHS Foundation Trust

#### SCIENTIFIC PROGRAM

'Leftover' Ova and Embryos and Stem Cell Research in Korea. Yeonbo Jeong, Hanyang University

Brazil: 'line of flight' to international research tests with nonhuman primates? Ana Tereza Pinto Filipecki, FIOCRUZ; Carlos Saldanha Machado, Oswaldo Cruz Foundation; Márcia de Oliveira Teixeira, FIOCRUZ

Growing meat from stem cells as 'normal science': managing the marginal and mainstream. Neil Stephens, Cardiff University

### 302. (23) + (31) Configuring Climates - III

2:00 to 3:30 pm

Solbjerg Plads: SPso8

Chairs: Lea Schick, IT University; Arno Simons, Technische Universität Berlin; Aleksandra Lis, Central European University in Budapest; Ingmar Lippert, Augsburg University

#### **Participants:**

How does one localize climate change? Climate symbols and the case of the Ilulissat Icefjord. Lill Rastad Bjørst, Aalborg University, Denmark

Carbon Credits: The Displacements in Design. Anup Sam Ninan, Bremen International Graduate School of Social Sciences

**Re-thinking scaling of environmental markets.** Aleksandra Lis, Central European University in Budapest

Framing adaptation: the anatomy of values in a UK water company. Emma Westling, The University of Bradford; Liz Sharp, University of Bradford; Chiara Carrozza, Centro de Estudos Sociais, University of Coimbra (PT)

#### 303. (84) Aesthetics in technological practices - II

2:00 to 3:30 pm Solbjerg Plads: SPs10

**Chairs:** Dick Willems, University of Amsterdam; Jeannette Pols, Amsterdam Medical Centre

#### **Participants:**

Embedding tasting. Appreciating food within mundane medical practices. Anna Mann, University of Amsterdam

**From paper to pixels: e-readers, e-reading and aesthetics.** Thomas Franssen, University of Amsterdam

Music making as urban guerrilla: Challenging the aestheticopolitical orderings of Berlin's public spaces. Christoph Johannes Anatol Michels, University of St. Gallen

Pretty, pretty understandable: social scientists and visualization. Andreas Perret, Swiss Center for Expertise in the Social Sciences (FORS)

Through the looking glass. About aesthetic values and mirrors as a social technologies. Jeannette Pols, Amsterdam Medical Centre

#### 304. Temporality in the sociomaterial mangle

2:00 to 3:30 pm Solbjerg Plads: SPs12

Chair: Steve Sawyer, Syracuse University

#### **Participants:**

Corporate playgrounds for innovation: A material and virtual analysis. Payal Arora, Erasmus University Rotterdam

'Personal' time: Investigating the hybridization of a temporal zone. Melissa Mazmanian, University of California, Irvine

**Deboundaried work: Insights from the vanguard.** Steve Sawyer, Syracuse University

Constant connectivity: Rethinking interruptions at work. Judy Wajcman, London School of Economics & Political Science

#### SCIENTIFIC PROGRAM

### 305. (34) The epistemic and political authority of expertise in environmental governance - II

2:00 to 3:30 pm Solbjerg Plads: SPs14

**Chairs:** Silke Beck, Helmholtz Centre for Environmental Research; Eva Lövbrand, Linköping university

#### **Participants:**

The Changing Roles of Expertise in 30 Years of Global Environmental Assessments. Maud Borie, University of East Anglia; Mike Hulme, University of East Anglia

Modelling Consensus: Science, Politics and Malaria at the IPCC. Jonathan Suk, University of Edinburgh / European Centre for Disease Prevention and Control

Methods of synthesis in IPCC assessments: a limit to formalisation. Ingemar Bohlin, Department of Sociology and Work Science, University of Gothenburg

Institutional ontology of GAIM's Earth System knowledge infrastructure. Ola Uhrqvist, Department of Thematic studies - Water and Environmental Studies

Occupy climate expertise? Cordula Kropp, University of Applied Sciences Munich

### 306. (92) Connecting and comparing concepts of practice - II

2:00 to 3:30 pm Solbjerg Plads: SPs16

**Chairs:** Elizabeth Shove, Lancaster University; Nicola Jane Spurling, Manchester University; Gordon Walker, Lancaster University

#### **Participants:**

**Methods of capturing the dynamics of social practice.** Elizabeth Shove, Lancaster University

Policy Intervention and the Dynamics of Practice: developing a practice-informed historical case study approach. Andrew McMeekin, Manchester University, Nicola Jane Spurling, Manchester University

Data Treatment and Analysis within a Radical Practice Perspective. Ardis Storm-Mathisen, SIFO National Institute for Consumer research (Norway)

Researching situated nursing practices. Britt Kramvig, University of Tromsø; Ann Therese Lotherington, University of Nordland, Norway; Aud Obstfelder, University of Tromsø

Translating dividual practices into individual lives. Jo Helle-Valle, SIFO

## 307. Hearing and heeding citizen voices: Designing and evaluating transnational citizen deliberations

4:00 to 5:30 pm Kilen: K143

Chair: Mikko Rask, National Consumer Research Centre Finland

#### **Participants:**

The (social) construction of nothing less than a 'global public sphere': on designing and organizing transnational deliberation processes. Nina Amelung, Technical University of Berlin

Amplifying results to access policy networks: the role of informal science institutions. Gretchen L Gano, Arizona State University; Rick Worthington, Pomona College

**Biodiversity as glocalization: citizenship in transnational spaces.** Edna F. Einsiedel, University of Calgary

Transnational deliberation: gain and loss. Kobayashi Todashi, University of Osaka

#### SCIENTIFIC PROGRAM

### 308. Spatiotemporalities II: Space and Infrastructures

4:00 to 5:30 pm Kilen: K146

Chair: Paul N. Edwards, University of Michigan

#### **Participants:**

Digital mappings in use: The non-representational use of spatial infrastructure. Barry Brown, Mobile Life Centre, Stockholm University

Global Dimensions: Water, Ships, & the Infrastructures of the Panama Canal. Ashley Carse, Whittier College

Producing Space: The infrastructures of planetary exploration. Janet Vertesi, Princeton University

Scaling Disaster: Simulating the Extent of the Deepwater Horizon and the Fukushima Meltdowns. Paul N. Edwards, University of Michigan

Discussant: Francis Harvey, University of Minnesota

### 309. Contested sovereignties. STS perspectives on the analysis of sovereign political action.

4:00 to 5:30 pm Kilen: K150

Chair: Brice Laurent, CSI - Mines ParisTech

#### **Participants:**

Mapping Sovereignty: The Influence of Colonial Materialities on Palestinian State Maps. Jess Bier, University of Maastricht

Honesty as an economic skill The Democratic Republic of Congo, a country preparing itself to monetize the carbon stored in its forests. Véra Ehrenstein, CSI - Mines ParisTech

On Sovereignty and Scientific Knowledge: The Work of the Law in Brazilian Development Initiatives, 1947-1965. Allison Powers, Department of History, Columbia University

On natural resources and local sovereignty. Nickel mining in New Caledonia. Julien Merlin, CSI - Mines ParisTech

International State rating and the production of national sovereignties. Benjamin Noël Lemoine, CSO - Sciences Po

Discussant: Andrew Barry, University of Oxford

# 310. Social Epistemology review and replies collective panel: conceptualising social design as a collective process

4:00 to 5:30 pm Kilen: Ks43

Chair: James Collier, Virginia Tech

#### **Participants:**

Philosophy and post-philosophy as methods of collective social design. Stephen Norrie, Unaffiliated, PhD graduate of Warwick University

Reconsidering roles: design by community in online education. William Davis, Virginia Tech

Design pitfalls in scientific and technological policies in Mexico. Melissa Orozco, Universidad Autonoma de Queretaro; Ivan Eliab Gómez Aguilar, National Autonomous University of México

## 311. (71) The impact of 'impact': public-making and pseudo science-engagement - II

4:00 to 5:30 pm Kilen: Ks48

Chair: Richard Watermeyer, Cardiff University

#### SCIENTIFIC PROGRAM

#### **Participants:**

Can non-policy related public engagement be of value? The challenge of symmetry of learning for scientists. Melanie Smallman, University College London; Kajsa-Stina Magnusson, University College London

The false dawn of dialogue: Impediments to publics' decisionmaking and the management of choice in techno-science. Richard Watermeyer, Cardiff University

Constructing the meaning of public communication of science: expert discourse analysis. Anda Adamsone-Fiskovica, Centre for Science and Technology Studies, Latvian Academy of Sciences

# 312. (100) Displacing the laboratory and STS with it: new modes of engagement - Natural scientists and the lab - III

4:00 to 5:30 pm Kilen: Ks54

Chair: Sharon Ku, National Institute of Health, USA

#### Participants:

The Evolving Role of Laboratories in the Taiwanese Biopharmaceutical Innovation System. Shih-hsin Chen, University of Nottingham

**Different labs different dangers: How scientists working with nanomaterials perceive risk.** Mikael Johansson, Center for Nanotechnology in Society - UCSB

Skipping through Research Fields: the Trajectory of a Bioenergy Lab. Thomas Tari, Université Paris-Est, LATTS & IFRIS

Managing Demands for Social Engagement. Cecilie Glerup, Copenhagen Business School

### 313. (88) The design and displacement of social knowledge practices - II

4:00 to 5:30 pm Kilen: Ground floor - Ks71

**Chairs:** Kristoffer Kropp, University of Copenhagen; Per Wisselgren, Umea University, Sweden

#### **Participants:**

The Role of Statistics, and Statisticians, in Producing 'Race-ethnic' Data. Dvora Yanow, Wageningen University

Visualizing Sociological Imagination. Gerald Beck, University of Munich

Using a multi-sited approach for studying social scientific knowledge and "fact" making. Andreas Schadauer, Institute for Advanced Studies

Practices of Foresight: How Cold War Scientists Developed Social Research Methods. Christian Daye, Univ of Graz, Austria, Dep of Sociology

Research synthesis: Negotiating and adapting methods for social science knowledge integration. Laura Sheble, University of North Carolina, Chapel Hill

### 314. Cybernetic technologies of the self

4:00 to 5:30 pm Solbjerg Plads: SP112

Chair: Geoffrey Bowker, University of California - Irvine

#### **Participants:**

Infolding the Self: Video Feedback in Cybernetic Art and Psychiatry. Peter Sachs Collopy, University of Pennsylvania

From Ovulindex to Lady-Comp: Natural Family Planning and Cybernetic Subjectivity. Deanna Day, University of Pennsylvania

#### SCIENTIFIC PROGRAM

The Difficulties of Gift-Giving: Lévi-Strauss and the Technologies of Man. Bernard Dionysius Geoghegan, Humboldt University of Berlin

E-waste: cartography for a techno-environmental controversy. Blanca Callén, Centre for Science Studies. Lancaster University

### 315. (12) Redesigning age and ageing: anti-ageing science and medicine in the 21st century - II

4:00 to 5:30 pm Solbjerg Plads: SP113

Chair: Sophie Elizabeth Davies, Cardiff University

#### **Participants:**

"Stopping the Clock": Anti-Ageing as a Technology of Hope. Mike Laufenberg, Center for Interdisciplinary Women's and Gender Studies. Technical University Berlin

Longing for Longevity: Anti-Ageing Science, Longevity and Immortality in Genre Fiction. Joan Haran, Cardiff University

Re-Imagining Ageing. Sophie Elizabeth Davies, Cardiff University

**Regulating aging: the emergence of biomarkers of aging.** Tiago Moreira, Durham University

### 316. (101) Situational analysis at work - researching work practices in science and engineering - II

4:00 to 5:30 pm Solbjerg Plads: SP114

Chairs: Anders Buch, Technical University of Denmark; Adele E. Clarke, University of California, San Francisco

#### **Participants:**

Transport Hubs as STS Laboratories: A multi-sited ethnography of surveillance, deletion and the account-able. Inga Kroener, Lancaster University and University College London; Daniel Neyland, Lancaster University

Data Meets Design. Yanni Alexander Loukissas, MIT

Information Technology in the Icelandic Fishery: Unintended Consequences, Challenges and Opportunities. Hrönn Brynjarsdóttir Holmer, Cornell University - Information Science

## 317. Civic logon: Exploring technologies for civic engagement

4:00 to 5:30 pm Solbjerg Plads: SP201

Chair: Ingrid Erickson, Rutgers University

#### **Participants:**

**Civic Engagement and Collaborative Media: The Case of Bambuser.** Bo Reimer, MEDEA Collaborative Media Initiative, Malmö University

Hacking Digital Universalism in the Andes. Anita Chan, University of Illinois

Evolving p2p economies: towards a practice perspective of designing online platforms for local economic activity. Gabriel Mugar, School of Information Studies, Syracuse University

**Beyond Access and Expression: A New Mandate for Design.** Nassim JafariNaimi, Georgia Institute of Technology; Ingrid Erickson, Rutgers University

Researchers' blogging practices in two epistemic cultures: the scholarly blog as a situated genre. Sara Kjellberg, Lund University

Discussant: Tad Hirsch, Intel Labs

### 318. Lateral moves in STS: Tampering with the conceptual/empirical divide - II

4:00 to 5:30 pm Solbjerg Plads: SP202

Chair: Birgitte Gorm Hansen, Copenhagen Business School

#### SCIENTIFIC PROGRAM

#### **Participants:**

Form and Variation in STS and Relational Anthropology. Casper Bruun Jensen, IT University of Copenhagen; Brit Ross Winthereik, IT University of Copenhagen

Living in fear or disagreeing with the field? — reverse colonization and lateral complications. Christopher Gad, IT-University of Copenhagen

Synthetic Kin and Kingdoms: Thinking Laterally about Transgenic Exchanges. Sophia Roosth, MIT

Lateral Waves. Stefan Helmreich, MIT Anthropology

### 319. (52) Critical evaluations and new perspectives on user studies in STS - IV

4:00 to 5:30 pm Solbjerg Plads: SP205

Chair: Nelly Oudshoorn, University Twente

#### **Participants:**

Finding participants: How research methodologies define 'users'. Anna Harris, University of Exeter; Susan E. Kelly, University of Exeter; Sally Wyatt, Maastricht University

Making Sense of User-driven Innovation: soft capitalism or tricky co-habitation? Torben Elgaard Jensen, Technical University of Denmark

The everyday enactment of "the everyday" in an innovation project. Morten Krogh Petersen, DTU

Management Engineering, Section of Innovation and Sustainability Taking user representations seriously: past, present and future. Sampsa Hyysalo, Aalto University; Mikael Johnson, Aalto University

**Technological versus use regimes.** Roel Nahuis, Saxion University of Applied Sciences Deventer; Ellen Moors, Innovation Studies, Copernicus Institute, Utrecht University, NL

# 320. Social dynamics and structures around nuclear technology: Pre- and post-Fukushima stories

4:00 to 5:30 pm Solbjerg Plads: SP207

Chair: Miwao Matsumoto, University of Tokyo

#### **Participants:**

Failure of the Japanese "Successful" Nuclear Program: Structural Problems Revealed by the Fukushima Nuclear Accident. Kohta Juraku, Tokyo Denki University

The Fukushima Insight: How Disaster Changes Knowledge Production in Global Nuclear Energy. Sulfikar Amir, Nanyang Technological University (NTU)

Did Fukushima Mark the End of the "Nuclear Renaissance"? Analysis of Media Debates in Finland, France, and the UK. Markku Lehtonen, University of Sussex

The Challenge of "Safe Levels" of Radiation before and after the Fukushima Nuclear Disaster. Paul JOBIN, CEFC Taipei & University of Paris Diderot

Discussant: Miwao Matsumoto, University of Tokyo

### 321. (16) The end(s) of the Human Genome Project - II

4:00 to 5:30 pm Solbjerg Plads: SP208

Chairs: Adrian Mackenzie, Lancaster University; Ruth Margaret Mc-Nally, Anglia Ruskin University; Maureen McNeil, Lancaster University; Richard Tutton, Lancaster University

#### **Participants:**

Exploring the data topographies of NGS genomes: Towards a post-ELSI sociology of Big Data. Adrian Mackenzie, Lancaster University; Ruth Margaret McNally, Anglia Ruskin University.

#### SCIENTIFIC PROGRAM

**Molecular being – post-genomic life between genes and proteins.**Adam Bencard, Medical Museion, University of Copenhagen

Organic processes digitalised: human bodies in bioinformatics. Jan van Baren-Nawrocka, Radboud University Nijmegen

**Promise Management in Emerging Life Sciences.** Martin Ruivenkamp, Radboud University Nijmegen

## 322. (49) Design practices: material-discursive entanglements and interventionist approaches - III

4:00 to 5:30 pm Solbjerg Plads: SP210

Chair: Ann Light, Northumbria University

#### **Participants:**

(De)coding India's poor: An information infrastructure promises poverty eradication. Sumitra Nair, Virginia Polytechnic Institute and State University; Nimmi Rangaswamy, Microsoft Research India

**Accountability in practice: data cleaning in Afghanistan.** Tjitske Holtrop, University of Amsterdam

Boundary work in designing "global" interdisciplinary research projects. Katharina T. Paul, Erasmus University Rotterdam

Technological Activism and the Non-Human Design of the European Borders. Lukas Verburgt, University of Amsterdam

**Technological Jugaad as a 'Culture of Innovation' in India.** Pankaj Sekhsaria, Maastricht University

### 323. (78) Engineering design, displacement in practice - II

4:00 to 5:30 pm Solbjerg Plads: SP212

Chair: Sarah Bell, University College London

**Participants:** 

Boundary objects and their circulation under collaborative design processes. Angelos Balatsas-Lekkas, Technical University of Denmark; Yutaka Yoshinaka, Technical University of Denmark STS

**Assisted Engineering Design and Its Teaching Experience.** Jeng-Horng Chen, National Cheng Kung University

Sino-French engineering curriculums: what kind of education design? Richard Marion, University of Lausanne

Designing a STS program for Engineering Education to Enhance Inclusiveness and Diversity. Wen-Ling Hong, National Kaohsiung Marine University; Jr-Ping Wang, National Kaohsiung Marine University; Jeng-Horng Chen, National Cheng Kung University

# 324. (104) The governance of innovation and socio-technical systems: design and displacements - III

4:00 to 5:30 pm Solbjerg Plads: SP213

Chairs: Susana Borras, Copenhagen Business School; Jakob Edler, University of Manchester

#### **Participants:**

Governing markets for radical products by designing market infrastructure. Aurelie Delemarle, Universite Paris Est - LATTS/IFRIS - ESIEE Paris; Philippe Larédo, Universite Paris Est, ENPC, LATTS -Manchester Business School

Innovation by Regulatory Design: Incentives Versus Mandates for Green Chemistry. Arthur Daemmrich, China Europe International Business School

**Bioethics, Governance, and the Corporation.** Jenny Dyck Brian, Asian University for Women

#### SCIENTIFIC PROGRAM

### 325. (74) Knowing and working in hybrid research spaces - III

4:00 to 5:30 pm Solbjerg Plads: SP214

Chair: Maximilian Fochler, University of Vienna

#### **Participants:**

Academic spin-offs as intermediaries: From transfer to collective exploration. Liliana Doganova, MINES ParisTech

The promise of interdisciplinary people centered design in practice: a case study of the making an Internet-of-Things application creation platform. An Jacobs, Vrije Universiteit Brussel; Laurence Claeys, Alcatel-Lucent Bell Labs; Johan Criel, Alcatel-Lucent Bell Labs; Katriina Kilpi, IBBT SMIT, Vrije Universiteit Brussel; Marjan Geerts, Alcatel-Lucent Bell Labs; Dries De Rouck, IBBT CUO KULeuven; Karin Slegers, IBBT CUO KULeuven

Academic Entrepreneurship between Scientific Careers and Industrial Collaborations: Case Studies from Italy. Matteo Serafini, University of Bologna

Scientific lives in "the hothouses of innovation". A person-centred perspective on life-science academia/business hybrid spaces. Maximilian Fochler, University of Vienna

The demarcation of science: a construct of the 'scientists'? Yin-Ling Lin, Manchester Metropolitan University

## 326. (36) Practice theory and beyond: emerging approaches to studying energy consumption - III

4:00 to 5:30 pm Solbjerg Plads: SP216

**Chairs:** Kirsten Gram-Hanssen, Danish Building Research Institute, Aalborg University; Toke Haunstrup Christensen, Danish Building Research Institute, Aalborg University; Ruth Rettie, Kingston University; Kevin Burchell, Kingston University

#### **Participants:**

Tracing the Variable Practices and Sustainabilities of the Everyday. Mike Hazas, Lancaster University

**The Ethnography of Everyday Energy.** Janine Morley, Lancaster University

User practices and heat pumps in a low carbon transition. Lars Ege Larsen, Aalborg University; Inge Roepke, Technical University of Denmark; Mai-Britt Quitzau, Technical University of Denmark; Sophie Nyborg, Technical University of Denmark

Households' role in the smart grid: A comparative study. Toke Haunstrup Christensen, Danish Building Research Institute, Aalborg University; Kirsten Gram-Hanssen, Danish Building Research Institute, Aalborg University; Freja Friis, Danish Building Research Institute, Aalborg University; Ainhoa Ascarza Plata, TECNALIA-Energía; William Throndsen, Norwegian University of Science and Technology

Changing energy consumption practices through electric car use. Marianne Ryghaug, Norwegian University of Science and Technology

### 327. (70) Science and the impact of organizational practices - IV

4:00 to 5:30 pm Solbjerg Plads: SPso3

Chair: Finn Hansson, Copenhagen Business School, Dept. of MPP

#### **Participants:**

The influence of stakeholder involvement on research practices in climate science. Tjerk Wardenaar, Rathenau Instituut

Design as Process and Bricolage: Construction of a Research Field. Peter Biniok, University of Lucerne

Federal funding and the transformation of academic labs in the biomedical sciences since the 1960s. Annalisa Salonius, University of Pennsylvania

#### SCIENTIFIC PROGRAM

Academic ambitions: exploring the challenges of today's young scholars. Pauline Mattsson, karolinska institutet and nobel museum; Niki Vermeulen, University of Manchester

### 328. (94) Emotions and affects in science: communities, spaces, and bodies - III

4:00 to 5:30 pm Solbjerg Plads: SPso5

**Chairs:** Staffan Bergwik, Dept. for History of Science and Ideas Uppsala University; Helena Pettersson, Umeå University

#### **Participants:**

Choreographies of Togetherness – Emotional Identity Work in Transdisciplinary Sustainability Research. Andrea Schikowitz, University of Vienna

Ethics and Emotion: Knowledge Production in Mental Health and Neuroscience. Martyn Pickersgill, University of Edinburgh

Tracing emotion in Palliative Care. Tania Pastrana, Lancaster University

# 329. Rethinking radioactive waste management programmes as 'socio-technical combinations' and 'trading zones'

4:00 to 5:30 pm Solbjerg Plads: SPs07

Chairs: Yannick Barthe, Centre de sociologie de l'innovation-Ecole des mines de Paris; Morgan Meyer, Ecole des Mines de Paris - Paris-Tech; Goran Sundqvist, University of Oslo; Mark Elam, University of Gothenburg

#### Participants:

Towards a Divisible or Indivisible European Platform. Yannick Barthe, Centre de sociologie de l'innovation-Ecole des mines de Paris; Goran Sundqvist, University of Oslo; Mark Elam, University of Gothenburg

Canada's Radwaste Trading Zone. Darrin Durant, York University

Copper Corrosion as a Trading Zone: Searching for a Safe RWM Repository. Ann-Sofie Kall, Centre for Technology, Innovation and Culture, Oslo University

Making the Nuclear Waste Repository Locally Acceptable... or Real? Site Selection as a Socio-Technical Process. Zdenek Konopasek, Charles University in Prague/The Academy of Science of the Czech Republic; Karel Svačina, Charles University in Prague & The Academy of Sciences of the Czech Republic

Nuclear Waste as a Transnational Problem: Socio-Technical Challenges of Joint Repositories. Behnam Taebi, Delft University of Technology

Discussant: Anne Bergmans, University of Antwerp

### 330. (23) + (31) Configuring Climates - IV

4:00 to 5:30 pm Solbjerg Plads: SPs08

Chairs: Lea Schick, IT University; Arno Simons, Technische Universität Berlin; Aleksandra Lis, Central European University in Budapest; Ingmar Lippert, Augsburg University

#### **Participants:**

Epistemologies of Ignorance, Feminist Standpoint Theory, and Climate Change Science. Heidi Grasswick, Middlebury College

Explosive News: Sea-Level Rise in the Pacific and the Trouble of Communicating Science. Kristoffer Albris, University of Copenhagen

Reluctant Public Scientists in Climate Change Debates. Bernhard Isopp, York University

#### SCIENTIFIC PROGRAM

Fragmented discourse, marginalizing the public? Media framing of climate change in Japan. Shinichiro Asayama, Tohoku University; Atsushi Ishii, Tohoku University

### 331. (84) Aesthetics in technological practices - III

4:00 to 5:30 pm Solbjerg Plads: SPs10

**Chairs:** Dick Willems, University of Amsterdam; Jeannette Pols, Amsterdam Medical Centre

#### **Participants:**

The aesthetics of improvisation. Cornelius Schubert, TU Berlin

"Beautiful portraits of the mind." The significance of aesthetic strategies in scientific practice in neuroscience. Valerie Kummer, Danube-University

The laptop computer and the aesthetics of performance technologies. Michael Liegl, Johannes Gutenberg University Mainz

The Sound of Information Theory. Nicholas A Knouf, Cornell University

### 332. Speculative objects, stories and boundary work

4:00 to 5:30 pm Solbjerg Plads: SPs12

Chair: Michael Schillmeier, Ludwig Maximilian University of Munich

#### **Participants:**

Nano-Futures – Nanomedical research between future-absorbent fictions and specu-lative in(ter)ventions. Michael Schillmeier, Ludwig Maximilian University of Munich; Anton Schröpfer, Department of Sociology

Stories that Matter: Making facts and fiction at an archeology site. Masae Kato, University of Amsterdam; Amade M'charek, Universiteit van Amsterdam

Negotiation of Knowledge and Practice – Boundary Work on Reiki, Osteopathy and Naprapathy in Sweden. Jenny-Ann Brodin Danell, Department of Sociology, Umeå university

### 333. Technologies of acceptance, ecologies of transformation

4:00 to 5:30 pm Solbjerg Plads: SPs14

Chair: Lisa M Cockburn, York University

#### **Participants:**

Locating Abundant Futures: Technology as Philanthropy in Silicon Valley. Brittney Fosbrook, York University

Objective Lenses? Planet Earth's HD Cameras as Political and Situated. Eleanor Louson, York University

"Death is Not the Opposite of Life": Ecological and Ethical Reckoning in a Posthuman World. Lisa M Cockburn, York University

Distinctions & Networks: The Mechanism of Frustration. Adi Rivka Inbar, Ben Gurion University of the Negev

Discussant: Maria Puig de la Bellacasa, University of Leicester

### 334. (92) Connecting and comparing concepts of practice - III

4:00 to 5:30 pm Solbjerg Plads: SPs16

**Chairs:** Elizabeth Shove, Lancaster University; Nicola Jane Spurling, Manchester University; Gordon Walker, Lancaster University

**Participants:** 

#### SCIENTIFIC PROGRAM

**Aligning (or not?) images, things and competences.** Ralf Brand, The University of Manchester

Modern Craft: Locating the Material in a Digital World. Daniela K Rosner, UC Berkeley, School of Information

The Social Practice of Flow: Design from a practice lens. Graham Dean, Lancaster University

Scientific writing, in mexican PhD apprenticeships: bridging theories. Alma Carrasco Altamirano, Benemérita Universidad Autónoma de Puebla; Rollin Kent, Benemerita Universidad Autonoma de Puebla

SESSION GUIDELINES

# Session Guidelines for Presenters, Discussants, and Chairs

### Basic format of all paper sessions

Each session normally includes three to 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 Chairs**

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. In most sessions three papers will be presented.

#### SESSION GUIDELINES

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

- 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.
- 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.
- For each paper introduce the author and title of the paper.
- 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

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#### SESSION GUIDELINES

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.

- 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 element of the session, i.e. after each paper or after all the papers have been presented.
- 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.

#### SESSION GUIDELINES

### **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 discipline, particularly time management. These notes are intended to inform you of how each session will be organized.

- Please arrive at the appropriate room five minutes before
  the session is due to start. All rooms are equipped with
  black out 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 PowerPoint function equally well on all projectors. Solicit advice
  at the info desk or through Conference Volunteers if experiencing trouble.
- 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.

#### SESSION GLUDELINES

 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.

- We have asked session chairs to be very strict in terms of time management so that each presenter has an equal amount of time.
- 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. 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.

Session Guidelines

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