

SCIENCE AND DEMOCRACY NETWORK 17TH ANNUAL MEETING PROGRAM

JUNE 27 – JUNE 30, 2018

TUM SCHOOL OF MANAGEMENT & MUNICH CENTER FOR TECHNOLOGY IN SOCIETY

DAY 1: WEDNESDAY, JUNE 27 – SDN Kick-off & Graduate Student Sessions

TUM School of Governance, Richard-Wagner Str. 1, 80333 München

9:30 Ph.D. Training Session: Welcome and Introduction (Sebastian Pfotenbauer)

10:00 Ph.D. Training Session: Thinking about Science and Democracy – STS Concepts

Silke Beck (Helmholtz Centre for Environmental Research – UFZ Leipzig)

Ben Hurlbut (Arizona State University)

Clark Miller (Arizona State University)

12:00 Lunch

1:00 Parallel Sessions / Paper Workshopping (Ph.D. Students)

3:00 Coffee break

3:30 Synthesis – Group Discussion

4:30 Break

5:00 SDN Public Panel:

“How do democracies know? Knowledge in the Public Sphere in the 21st century”

Location: TUM main campus, Theodor-Fischer-Hörsaal (0503.EG.360), across from Luisenstrasse 39

Panelists:

- **Roland Fischer** (Vice President, German Research Foundation DFG)
- **Maarten Hajer** (Universiteit Utrecht/UNEP International Resource Panel)
- **Sheila Jasanoff** (Harvard University)
- **Carsten Nebhöfer** (Secretary General of the German Advisory Council on the Environment)
- **Peter Weingart** (Universität Bielefeld)

7:00 Reception (Drinks and Snacks)

DAY 2: THURSDAY, JUNE 28 – Munich School of Philosophy (Hochschule für Philosophie),

Kaulbachstraße 31a, 80539 München

9:00 Registration

9:15 Welcome (Sheila Jasanoff and Sebastian Pfotenbauer)

9:30 Introductions and Announcements

10:00 Session 1: Global Imaginations

Martin Mahony (University of East Anglia)

‘The World, the Air and the Future’: Socio-technical Imaginaries and the Imperial Discovery of the Atmosphere

Jeroen Oomen (LMU/Deutsches Museum)

Diverging Imaginations of Climate Engineering: How Different Scientific Communities Construct Climate Engineering Promises

Eleanor Hadley Kershaw (University of Nottingham)

Co-Producing Future Earth: Polysemy and Reflexivity in Sustainability Science Governance

Allison Loconto, Eve Fouilleux, Guillaume Olivier, Stephane Bellon (Harvard STS/INRA)
*Definitions, Interests and Institutions: Exploring the Circulation of 'Agroecology' Knowledge in
FAO's Global Dialogue*

12:00 Lunch

1:00 Session 2: Energy Imaginaries -- Past and Future

Hilton Simmet (Yale University)

"Power to Empower": Seeing the Rural Through American Development

Jeremias Herberg, Dorota Stasiak, Giulia Molinengo (IASS Potsdam)

*Co-Creation Beyond Integration? Premises and Promises of Institutional Interstices in the German
Coal-Phase Out*

Stefan Aykut (Hamburg University)

Reassembling Energy Policy: Models, Forecasts, and Policy Change in Germany and France

Jason Chilvers, Helen Pallett and Tom Hargreaves (University of East Anglia)

Ecologies of Participation in the UK Energy System-as-Constitution

3:00 Coffee

3:15 Session 3: Science, Policy and Responsible Innovation

Javiera Barandiaran (UCSB)

Science and Environment in Chile: The Politics of Expert Advice in a Neoliberal Democracy

Franziska Engels, Sebastian Pfothenhauer (MCTS)

*Testing the Future? Interrogating "Test Beds" and "Living Labs" as an Emerging Innovation
Paradigm*

Pierre-Benoit Joly (LISIS, INRA)

Re-imagining Innovation

Thomas Völker, Zora Kovacic, Roger Strand (Joint Research Centre, European Commission)

*Indicator Development as a Site of Collective Imagination? The Case of the EC Policies on
the 'Circular Economy'*

5:15 Coffee

5:30 Session 4: Re-imagining Sustainability

Mattijs Van Maasakkers (Ohio State University)

Socio-Ecological Imaginaries: What Does "Green" Mean?

Alexander Wentland (TU Munich, MCTS)

Exploring Agency, Multiplicity, and Scale in Sociotechnical Imaginaries of Sustainability

Ian Stewart (University of King's College)

Whose 'Environmental Benefit'? Citizen Participation in the Nomenclature of Environmental Science

Les Levidow (Open University) and **Sujatha Raman** (Nottingham)

Sociotechnical Imaginaries of Waste as a Resource: UK's Techno-market Fixes as Conflicting Visions

7:30 Adjourn

DAY 3: FRIDAY, JUNE 29 -- Munich School of Philosophy (Hochschule für Philosophie), Kaulbachstraße 31a, 80539 München

10:00 Session 5: Making Things (In)visible

Moa Karolina Carlsson (MIT)

How to Conceal a 395-acre Oil Handling Terminal

Christopher Lawrence (Harvard STS)

Heralds of Global Transparency: Remote Sensing, Nuclear Fuel-cycle Facilities, and the Modularity of Imagination

Dorothea Born (University of Vienna)

Imaging and Imagining Nature in Climate Change Communication - A Comparison between the Two Popular Science Magazines GEO and National Geographic

Xaq Frohlich (Auburn University)

The Rise (and Fall) of the Food-Drug Line: Classification, Gatekeepers, and Spatial Mediation in Food and Health Markets

12:00 Lunch

1:15 Session 6: Co-producing Regulatory Objects

Carlos Cuevas Garcia (MCTS)

Situating Three-dimensional Cell Microenvironments in their Institutional and Regulatory Macroenvironment: The Challenge of Regulating Regulatory Objects

Gili Vidan (Harvard)

Checks and Balances: Privacy, Payments, and the Public Interest in the Development of 1970s US Electronic Funds Transfer Systems

Eva Krick (University of Oslo)

How to Bridge the Epistemic-Democratic Divide: Institutional Innovations of Coupling Experts, Civil Society and the Government During Policy Development

Margarita Boenig-Liptsin (Harvard STS/UC Berkeley)

Co-productionist Data Ethics

3:15 Coffee

3:45 Session 7: Biopolitics and Inequality

Samuel Taylor-Alexander (Monash University)

Bureaucratic Disorders: Biomedical Nationalism, Pharmaceutical Citizenship and Access to Drugs for Rare Diseases in the United Kingdom

Daniela Schuh (University of Vienna)

Cross-border Surrogacy as Challenge to Territorialized Views of Human Dignity

Tito Carvalho (UCSD/Harvard STS)

From Race to Racism: Theodosius Dobzhansky and Richard Lewontin on the Problem of Race and the Ethos of Science

Kaushik Sunder Rajan (University of Chicago)
The Breather as Patient and Plaintiff: Biopolitics, Labor and the Judicialization of Tuberculosis

5:45 **Coffee**

6:00 **Policy Roundtable: “Building Norms and Institutions Responsibly: Engaging STS in Policy Settings”**

David Winickoff (OECD and LISIS), **Nina Frahm** (MCTS, TU Munich)
OECD Neurotech & Responsible Innovation

Iris Eisenberger (BOKU Wien), **Brice Laurent** (Mines-Paritech), **Sabine Maasen** (TU Munich), **Uli Meyer** (TU Munich) **Ruth Müller** (TU Munich), **Kyriaki Papageorgiou** (ESADE), **Sebastian Pfothenauer** (TU Munich), **Melanie Smallmann** (UCL), **Jack Stilgoe** (UCL)
SCALINGS: A policy roadmap for scaling up co-creation in Europe?

Sheila Jasanoff (Harvard), **Ben Hurlbut** (ASU), **Krishanu Saha** (U Wisconsin)
A global observatory for gene editing

Jim Dratwa (European Commission and Woodrow Wilson Center)
ChangeS: ‘Changing the system from within’

7:30 **SDN Reception + Beer Garden**

**DAY 4: SATURDAY, JUNE 30 TH- Munich School of Philosophy (Hochschule für Philosophie),
Kaulbachstraße 31a, 80539 München**

9:00 **Session 8: Citizenship and Representation**

Steven Druker (Alliance for Bio-Integrity)
*How Eminent Institutions Have Been Misrepresenting the Facts About GMOs: A Major but Under
Recognized Threat to the Integrity of Science*

Samantha Vanderslott (University of Oxford)
Mainstream Counter-activism: Pro-vaccine Activists in Australia and the United States

John Carson (Michigan)
The Unsound of Mind and the Ambiguities of Citizenship

11:00 **Coffee**

11:15 **Session 9: Participatory Models**

Laurie Waller (MCTS)
*Participation in Challenging Conditions: A Discussion of Environmental Control as a Democratic
Problem*

Stefan Schäfer, Robert D. J. Smith, Michael J. Bernstein (Harvard STS Program and Institute for
Advanced Sustainability Studies)
Institutionalizing Intervention: STS in the Age of Impact

Pierre Delvenne, Hadrien Macq, Céline Parotte (University of Liege)
Participation as a Lab and a Democratic Experiment

Jan-Peter Voß, Sina Birkholz, Volkan Sayman (TU-Berlin)

Doing Mini-Publics: Innovating Democracy, Circulating Models, Technologizing Politics?

1:15 Adjourn/Lunch (End of main meeting)

2:00 Ph.D. Student Debrief

3:30 Adjourn