

ETH PhD Academy on Sustainability and Technology 2015

Energy Innovation and Climate Change – The Role of Technologies, Firms and Institutions

4th to 9th June 2015 , ETH Zurich

Program



Thursday, June 4, 2015

Afternoon Individual arrival of participants in Zurich and check-in at Hotel du Théâtre (for address and directions see separate file)

18:30 Meeting in front of the hotel and walk to Panama Bar

19:00 Welcome Dinner at Panama Bar

Friday, June 5, 2015

08:00 Breakfast

08:45 Meeting in front of the hotel and walk to ETH main building, room HG E 42

I. Introduction (ETH main building, room HG E 42)

09:00-10:30 Introduction to the ETH PhD Academy on Sustainability and Technology, introduction round and “bingo”
Joern Hoppmann

10:30 Coffee Break

11:00-11:30 Getting to know the faculty: Laura Diaz Anadon

11:30-12:00 Getting to know the faculty: Charlene Zietsma

12:00-12.30 Getting to know the faculty: Johann Peter Murmann

12:30 Lunch

14:00-14:30 Getting to know the faculty: Volker Hoffmann

15:00-17:00 Bus transfer to Appenzell

17.00-18.30 Time for bilateral talks or individual activities

18:30 Dinner

Saturday, June 6, 2015

08:00 *Breakfast*

I. The Role of Technology

9:00-10:00 **Paper 1: Investment dynamics of residential solar photovoltaics**
Martin Klein (DLR Stuttgart, GER)
Discussants: Magdalena Maria, Dr. Diaz Anadon, Dr. Hoffmann

10:00-11:00 **Paper 2: A Sectoral Perspective on Technological Innovation Systems – Patterns of Knowledge Development and Diffusion in the Lithium-ion Battery Technology**
Annegret Stephan (ETH Zurich, CH)
Discussants: Simon, Dr. Diaz Anadon, Dr. Murmann

11:00 *Coffee Break*

11:30-12:30 **Paper 3: Understanding transitions through connectivity and innovation resources: the case of solar PV**
Stijn van Ewijk (UCL, UK)
Discussants: Rick, Dr. Zietsma, Dr. Hoffmann

12:30 *Lunch*

14:30-19:30 *Hike & dinner at restaurant Scheidegg (<http://www.scheidegg-ai.ch>)*

Sunday, June 7, 2015

08:00 *Breakfast*

I. The Role of Technology (continued)

09:00-10:00 **Paper 4: Policy networks in energy transitions: Comparing carbon capture and storage and offshore wind**
Juliana Subtil Lacerda (Universitat Autònoma de Barcelona (UAB), ESP)
Discussants: Annegret, Dr. Diaz Anadon, Dr. Hoffmann

10:00-11:00 **Paper 5: Cleaning up the bridge to low-carbon energy: Prospects for mitigating methane emissions from oil and natural gas**
Magdalena Maria Klemun (MIT, US)
Discussants: Guillermo, Dr. Diaz Anadon, Dr. Hoffmann

11:00 *Coffee Break*

II. The Role of Firms

- 11:30-12:30 **Paper 6: An Exploration of Cooperative Models for Community Energy Storage**
Simon Müller (TU München, GER)
Discussants: Jan, Dr. Murmann, Dr. Hoffmann
- 12:30 *Lunch*
- 14:00-15:00 **Paper 7: The Role of Managerial Cognition in Facilitating Organizational Climate Change Action**
Belinda Wade (The University of Queensland, AUS)
Discussants: Joachim, Dr. Zietsma, Dr. Hoffmann
- 15:00 *Walk to the "town" of Appenzell or other activities*
- 18:30 *Dinner*
- 20:00-21:30 **Roundtable discussion: What is a successful academic and how can I become one?**

Monday, June 8, 2015

08:00 *Breakfast*

II. The Role of Firms (continued)

- 9:00-10:00 **Paper 8: How Capability Matching Affects Organizational Adaptation and Performance – A Case Study of the German Electric Utility Industry**
Jan Ossenbrink (ETH Zurich, CH)
Discussants: Belinda, Dr. Zietsma, Dr. Murmann
- 10:00-11:00 **Paper 9: Energy Efficiency Investments in the Utilities of the Future: Designing a research agenda**
Guillermo Ivan Pereira (MIT/University of Coimbra, US/POR)
Discussants: Martin, Dr. Murmann, Dr. Hoffmann
- 11:00 *Coffee Break*

III. The Role of Institutions

- 11:30-12:30 **Paper 10: Review of Policy Coherence: Investigate Land Availability for Biodiesel Feedstock Production in Indonesia**
Fumi Harahap (KTH Royal Institute of Technology, SWE)
Discussants: Håkon Endresen, Dr. Diaz Anadon, Dr. Murmann
- 12:30 *Lunch*
- 14:00-15:00 **Paper 11: Policy networks in energy transitions: Comparing carbon capture and storage and offshore wind**
Håkon Endresen Normann (University of Oslo, NOR)
Discussants: Juliana, Dr. Diaz Anadon, Dr. Zietsma
- 15:00-16:00 **Paper 12: Trends in the Political Economy of Smart Grids: Cases in Europe and the United States**
Cherrelle Eid (Delft University of Technology, NL)
Discussants: Stijn, Dr. Diaz Anadon, Dr. Hoffmann
- 18:30 *Dinner*

Tuesday, June 9, 2015

07:30 *Breakfast*

III. The Role of Institutions (continued)

- 8:30-9:30 **Paper 13: Unpacking sustainabilities in socio-technical transitions: Solar photovoltaic and urban mobility experiments in India and Thailand**
Bipashyee Ghosh (University of Sussex, UK)
Discussants: Fumi, Dr. Zietsma, Dr. Murmann
- 9:30-10:30 **Paper 14: Sustaining Change**
Joachim Monkelbaan (University of Geneva, CH)
Discussants: Bipashyee, Dr. Zietsma, Dr. Murmann
- 10:30 *Coffee Break*
- 11:00-12:00 **Paper 15: Fossil regime destabilization in the Port of Rotterdam**
Rick Bosman (Erasmus University Rotterdam, NL)
Discussants: Cherelle, Dr. Diaz Anadon, Dr. Zietsma

12:00-12:30	Concluding remarks, feedback, and ETH certificates
12:30	<i>Lunch</i>
14:00-16:00	<i>Bus transfer to Zurich</i>
16:00	End of PhD Academy