**Wednesday, 13th March 2013**

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<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>12.00-13.30</td>
<td>Registration</td>
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<tr>
<td>13.30-14.30</td>
<td>Opening: Petr Fiala (Ministry of Education, Youth and Sports of the Czech Republic), Anna Putnová (Parliament of the Czech Republic), Lars Klüver (Danish Board of Technology), Karel Klusáček (Technology Centre ASCR) and Martin Svoboda (National Technical Library) tbc.</td>
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<tr>
<td>14.30-15.15</td>
<td>Keynote address 1  Wiebe Bijker: TA – The State of Play</td>
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<tr>
<td>15.15-15.45</td>
<td>Coffee break</td>
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<tr>
<td>15.45-17.15</td>
<td><strong>Thematic sessions</strong></td>
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<td><strong>I</strong></td>
<td>Institutionalisation of TA</td>
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<td>Chairs: Leonhard Hennen, Linda Nierling</td>
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<tr>
<td>M. Van Oudheusden/ N. Charlier/ B. Rosskamp/ P. Delvenne: TA in transition: Mapping the interplay of policy paradigms and TA in Flanders and Wallonia</td>
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<tr>
<td>A. Augustinaitis/ A. Kiskiene: Barriers and communication in making political technology assessment decisions in Lithuania</td>
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<tr>
<td>I. Dvorfek: Responsible research and innovation for great transitions in a small CE country</td>
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<td>L. Hennen/ L. Nierling: A second wave of technology assessment? Comparative findings from Europe</td>
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<td><strong>II</strong></td>
<td>TA and Governance</td>
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<td>Chair: Stefan Böschchen</td>
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<td>C. Büscher/ C. Orwat/ P. Sumpf: Smart grid as black box - The role of consumer trust in the governance of future energy systems</td>
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<td>J. Lacey/ K. Moffat: A new application for TA: Assessing technologies in the mining and minerals industry</td>
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<td>D. Robinson: Patterns in science and society in transition</td>
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<td>M. Barland/ W. Peissl: Making cross-European TA</td>
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<td><strong>III</strong></td>
<td>Evidence-Based Policy Making</td>
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<td>Chair: Tore Tennoe</td>
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<tr>
<td>J. Staman: Evidence-based politics and TA</td>
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<tr>
<td>M. Matsuo/ M. Matsura/ H. Shiroyama/ A. Kishimoto/ M. Tachikawa/ N. Iseki: Towards a more collaborative and evidence-based decision making - Incorporation of Joint Fact Finding (JFF) in science and technology governance</td>
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<td>J. Fixdal: Disputed evidence and robust decision making – The case for interdisciplinary expert groups in TA</td>
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<td>H. Achenos: What role for future-oriented technology analysis (FTA) in the EU’s joint programming process?</td>
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<td>R. Prabhu: Opportunities and limitations of “Big Data” in evidence-based policy making</td>
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<td><strong>IV</strong></td>
<td>TA Methods and Tools</td>
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<td>Chair: Lars Klüver</td>
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<tr>
<td>M. Heerings/ S. Van Egmond: What can TA learn from stories</td>
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<td>J. Visser: SuperHuman – a social game for the iPhone: Communicating dilemma’s on human enhancement</td>
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<td>N. Bobylev/ I. Jefferson: Tools for technology assessment</td>
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<td><strong>V</strong></td>
<td>Participation within the Field of Climate Change</td>
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<td>Chair: Georg Aichholzer</td>
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<td>R. Cimander/ H. Kubićek: Project design and ecological impacts of the e2democracy research collaboration</td>
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<td>G. Aichholzer/ D. Allhutter/ S. Strauss: E-participation in local climate initiatives: Participants’ assessments of impacts</td>
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<td>B. Acerete/ S. Royo/ A. Yetano: E-participation in environment-related policies - an assessment of European local government practices</td>
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<td>V. Peters / J. Vávra/ C. Altenburg: GILDED research project carbon calculator: Methods and results</td>
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<td><strong>VI</strong></td>
<td>Neurodevices</td>
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<td>Chair: Ira van Keulen</td>
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<td>M.E. Arentshorst/ T. de Cock Buning/ J.E.W. Broese: Future-oriented technology analysis: Steering medical neuroimaging</td>
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<td>M. De Jong/ F. Kupper: Responsible innovation of neuroimaging technologies in justice and security</td>
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<td>R. Edelenbosch/ F. Kupper: Neuroimaging and personalised learning: Reflections with potential end-users</td>
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**17.15-17.30** Coffee break

**17.30-19.00** **Thematic sessions**

| **I (continued)** | Institutionalisation of TA                                              |
|                   | Jinha Kim, KISTEP: Technology assessment system of Korea for national S&T |
|                   | T. Kamisato/ M. Hosono/ G. Yoshizawa: Creating a hub for ELS/TA education, research and implementation in Japan |
|                   | P. Ashworth: Raising the profile of TA in Australia’s national science agency |
|                   | T. Persons/ N. Barkakati: TA in the US: Reinvigoration and Reinvention |

| **III (continued)** | Evidence-Based Policy Making                                            |
|                    | Chair: Tore Tennoe                                                      |
| F. Lucivero/ P. Delvenne/ M. van Oudheusden: In search for normativity in PTA praxis at time of a great transition for PTA |
| B. Bedsted: Citizen participation and global governance - the WWViews method |
| T. Schuitmaker/ A. Roelofsen/ J. Broerse: Dialogue as a tool for societal valorisation of environmental and industrial biotechnology |

| **IV (continued)** | TA Methods and Tools                                                    |
|                    | Chair: Lars Klüver                                                      |
| F. Lucivero/ P. Delvenne/ M. van Oudheusden: In search for normativity in PTA praxis at time of a great transition for PTA |
| B. Bedsted: Citizen participation and global governance - the WWViews method |
| T. Schuitmaker/ A. Roelofsen/ J. Broerse: Dialogue as a tool for societal valorisation of environmental and industrial biotechnology |

| **V (continued)** | Participation within the Field of Climate Change                        |
|                   | Chair: Georg Aichholzer                                                 |
| C. E. Scheele: Assessment of three Danish Green Web applications |
| F. Rubik/ M. Kress: Experiences with municipal measures to influence the carbon footprint of private households’ daily routines |
| S. Böschen: Regional climates: Instrumental knowledge and democratic culture |

| **VI (continued)** | Neurodevices                                                            |
|                    | Chair: Ira van Keulen                                                   |
| M.E. Arentshorst/ T. de Cock Buning/ J.E.W. Broese: Future-oriented technology analysis: Steering medical neuroimaging |
| M. De Jong/ F. Kupper: Responsible innovation of neuroimaging technologies in justice and security |
| R. Edelenbosch/ F. Kupper: Neuroimaging and personalised learning: Reflections with potential end-users |

**19.00-19.30** Break

**19.30-21.00** Reception & Cultural Event
Thursday, 14th March 2013

9.00-9.45  Keynote address  Naomi Oreskes: Assessing Science, Assessing Risk

9.45-10.00  Coffee break

10.00-11.30  Thematic sessions

VII  Future-oriented Technology Analyses: Methods and Impacts
- A. Sacio/ M. Weber/ D. Schartinger: Exploring the impact of FLA on national innovation systems
- O. Valenta/ L. Hebáková: Foresight in the Czech Republic
- P. Warnke/ C. Bogenstahl/ M. John: Preliminary application to human health care

VIII  Health Care and Ageing Society
- W. Drozdenová: Autonomy and competence in ageing society
- E.H.M. Moors: Health care innovations in an ageing society

IX  Assessing Sustainable Mobility
- C. Gaivoto: Hybrid public transport modes in the complexity of mobility urban systems
- R. Zah/ P. De Haan: Opportunities and risks of electric mobility in Switzerland
- N. Boavida: Towards an assessment of the Portuguese e-mobility policy: The case of MOBi-e

X  Privacy in the Internet World
- J. Simon: Social media as a topic and a resource for TA
- J. Timmer/ F.W.A. Brom: The Precoded web and the way it shapes our behaviour

XI  Social Media
- J. Visser: Discover markets – Participatory methods for integrating user experience

XII  Participatory Methods
- B. Seewald/ K. Kimpel: The Paradox of participation in new and emerging technologies

11.30-11.45  Coffee break

11.45-13.15  Thematic sessions

VII (continued)  Future-oriented Technology Analyses: Methods and Impacts
- P. Warnke/ C. Bogenstahl/ D. Holtmannspötter/ S. Kimpeler/ B. Ohnesorge/ A. Zweck: Foresight in support to mission oriented RTI policy strategies. Recent experience from Germany
- A. Sacio-Szymańska: Using corporate foresight results effectively: A case study from Poland
- O. Valenta/ L. Hebáková: Foresight/ TA-like activities in the Czech Republic

VIII (continued)  Health Care and Ageing Society
- S. Van Egmond/ M. Heerings/ I. Geensink: Quantified health in TA perspective

IX (continued)  Assessing Sustainable Mobility
- J. Schippl: Learning from scenarios on eco-efficient transport for Europe
- L. Klöver: DTB project on sustainable transport system
- S. Moretto: Scenario tools for future generations of high-speed trains: Lessons from Europe

XII (continued)  Participatory Methods
This round of talks and discussions will bring together interested researchers, Civil Society Organizations (CSOs) and experienced scientists of CSO participation in research. There is a general expectation that the involvement of CSOs results in consumer friendly technologies, harmonized political debates or the improvement of legitimacy for policy decisions. Early suggestions or even interventions in science could contribute to the production of outcomes that are regarded as socially responsible. However, the empirical reality of CSO participation in research is almost unknown and also well-defined theoretical framings are missing. The presentations, talks and reports in the panel react to these deficits. They stimulate a critical discussion about the conditions, pitfalls and limits of CSO participation in research projects. Therefore the panel includes theoretical explanations, some empirical results but focuses on story telling elements from CSOs and scientists who have had experience in participatory projects. Presentations and discussions focus on setting up guidelines supporting the participation of CSOs in research projects. Following the sessions, all participants are invited to continue their discussion online. Link to web / Google group.

### Politicians and Researchers – Respective Views on Joint Projects
**Chair: David Cope**

The idea of the politicians and researchers session is to focus on the policy advice aspect of TA by combining the perspectives of the TA practitioner with those of the clients. Selected TA projects will be presented from two perspectives: the involved researcher/project manager as well as the "client", i.e. the policy maker (member of parliament, representative of ministry or other public authority). The session is meant to discuss the project process, the respective perspectives and the communication between the project management side on the one hand and the user on the other hand.

**Session panelists are the following:**

- **Germany: René Röspel**, Biologist, Member of the German Bundestag since 1998 + Prof. Dr. Armin Grunwald, Philosopher and Physicist, Director of TAB (Office of Technology Assessment at the German Bundestag) and of ITAS (Institute for Technology Assessment and Systems Analysis, Karlsruhe Institute of Technology)
- **Denmark**: Søren Mark Jensen, Head of Division, Danish Nature Agency, Danish Ministry of Environment + Bjørn Bedsted, Project Manager, Danish Board of Technology (DBT)
- **Netherlands**: Dr. Jacqueline B. de Jong [Strategic Advisor, Strategy Development Department, Ministry of Security and Justice + Prof. Dr. Frans W.A. Brom (Head of Technology Assessment Rathenau Institut)]
- **Finland**: Päivi Lipponen, Dr. of Education Sciences, Chair of the Committee for the Future + Harri Jaskari, MP, Committee for the Future + Elina Kuusisto, Dr. of Education, University of Helsinki/Faculty of Education Sciences + Paula Tiilhon, Dr. of Administrative Sciences

### Thursday, 14th March 2013

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<td>14.30-16.30</td>
<td>Coffee break</td>
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<tr>
<td>16.30-18.00</td>
<td>Parallel events</td>
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<td>18.00-19.30</td>
<td>Break</td>
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<tr>
<td>19.30</td>
<td>Change of Venue – Convent of St. Agnes, Aněžská, Prague 1</td>
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<tr>
<td>19.30-20.00</td>
<td>Welcome to Finland Drink – Dr Päivi Lipponen, MP, and Harri Jaskari, MP (Event on the occasion of the EPTA Presidency of Finland)</td>
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<td>20.00-22.00</td>
<td>Conference Dinner</td>
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Friday, 15th March 2013

9.00-9.45  Keynote address
9.45-10.00  Coffee Break

10.00-11.30  Thematic sessions

**XIII**

**Energy Transition**
Chair: Reinhard Grünwald
M. Omrizeder/ P. Wächter/ H. Rohracher: Transition pathways to a sustainable energy future in Austria: Socio-technical scenarios and structural challenges
B. Droste-Franke: Energy storage and other options for balancing demand and supply as key technologies for the transition of the electricity system assessed with an interdisciplinary project group
J. Schiipl: Users, costumers, citizens and the general public in the Germany energy transition: The Helmholtz-Alliance ENERGY-TRANS as an example
G. Fuchs: The Governance of energy transitions: The role of TA and advocacy coalitions

**XIV**

**Sustainable Development and Consumption**
Chair: Zoya Damjanova
J. Lemm/ U. Rübsam/ G. Seide/ T. Gries: Clean water - Energy for our everyday life
D. Siswartenová: Building environment for self-sufficiency
E. Bongert/ S. Albrecht: Towards the great transitions of the Food & Health Nexus: Rethinking the key role of sustainable agriculture for healthy societies
P. Vergragt: TA and sustainable consumption

**XV**

**Emerging Technologies**
Chair: Christopher Coenen
M. Bonfanti / J.C. Burbiel / S. Goymann / E. Mordini / R. Schietke: Holistic technology assessment in security: The ethical dimensions of critical and emerging technologies
G. Huppertz / B. Wepner: Identification of emerging technologies with security implications: Experience and results from the ETCETERA project
J. Allison / D. Broun: The Rise of new manufacturing: Transitioning skills and technologies into the future
M. Steinfeldt: Precautionary design of new nanomaterials

**XVI**

**Integrated Assessments of Emerging Science**
Chair: Frans Brom
A.C. Hoes / N. Heyen: The current assessment situation with regard to nanotechnology, synthetic biology, biofuels and cloud computing
R. Nielsen / E.-M. Forsberg: Developing an adaptive framework for integrative assessment of emerging science and technology

**XVII**

**Ethical Aspects of TA**
Chair: Frans Brom
M. Siebzehner: Ethical dilemmas in selecting health care technologies in Israel
O. Bendel: Towards a machine ethics
P. Machleidt: Technology assessment as applied ethics of technology in the Czech Republic
M. Opielka: Ethical dimensions of TA and social sustainability

**XVIII**

**Participation: Practical Cases**
Chair: Walter Peissl
P. Stankiewicz: Governing energy transitions in post-communist countries. The case of Polish Nuclear Energy Development Programme
J. Hahn / S. Seitz: What can TA learn from "the people"? A case study of the German citizen’s dialogues on future technologies

11.30-11.45  Coffee Break

11.45-13.15  Thematic sessions

**XIII (continued)**

**Energy Transition**
H. Shiroyama / J. Fujino / S. Kajiki: Transition governance of energy system in Japan after Fukushima - local experiments, national strategy and possible role of TA
M. Knapp / S. Wenzel / I. Gehrke: Innovations for a sustainable biomass utilization in the Upper Rhine Region
M. Effenberger / H. Bachmeier: Energiewende – estimating the contribution of agricultural biogas plants to more sustainable electricity supply ("energy turnaround") in Bavaria

**XIV (continued)**

**Sustainable Development and Consumption**
J. Schmidl / K. Schiller: Central European stakeholders propose clear priorities for further development of bioenergy markets
F. Sehnal: Assessment of the environmental impact of genetically modified crops

**XV (continued)**

**Emerging Technologies**
H. König / C. Coenen / D. Frank / R. Heil: Science, technology and the state: The quest for knowledge-based governance in synthetic biology
R. Van Est / D. Stemerding: Making perfect life: European governance challenges in 21st century bio-engineering

**XVII (continued)**

**Participation: Practical Cases**
S. Gram: Local participation in climate change adaptation
M. Sotoudeh / W. Peissl: CIVISTI method for future studies with strong participative elements

13.15-13.30  Coffee break

13.30-14.30  Closing: Karel Aim (Academy of Sciences of the Czech Republic), Dionysia Lagiou (European Commission), STOA - TBC (European Parliament) and Armin Grunwald (Office of Technology Assessment at the German Bundestag). / Lunch buffet