EA EUROPEAN ACADEMY
OF TECHNOLOGY AND INNOVATION ASSESSMENT

PLANNING, PREDICTION, SCENARIOS
Using Simulations and Maps

2015 Annual EA Conference

11–12 May 2015
Venue • Regional Representation of the European Commission, Bonn, Germany

Monday, 11 May 2015

8.30 • Registration
Venue | Regional Representation of the European Commission,
Bertha-von-Suttner-Platz 2–4, 53111 Bonn, Germany

9.00 • Welcome and introduction
• Petra Ahrweiler | EA European Academy, Bad Neuenahr-Ahrweiler, Germany

9.15–10.45 • SESSION I: THE POWER OF SIMULATIONS
(Chair: Andreas Pyka | University of Hohenheim, Germany)

• "Predictions, forecasts and scenarios: what can models of complex
  socio-econonomic systems tell us?"
  Nigel Gilbert | University of Surrey, UK
• "Possibilistic prediction and risk analyses"
  Bruce Edmonds | Manchester Metropolitan University Business School, UK
• "Innovation policy simulation for the smart economy – scenarios for
  fostering innovation in Ireland"
  Petra Ahrweiler / Michel Schilperoord | EA European Academy of Technology and
  Innovation Assessment, Bad Neuenahr-Ahrweiler, Germany

10.45–11.15 • Coffee break

11.15–12.15 • KEYNOTE
(Chair: Petra Ahrweiler | EA European Academy, Bad Neuenahr-Ahrweiler, Germany)

• "Exploration of the unknown unknowns. Planning, anticipation and
  understanding in an uncertain world"
  John Casti | X Center Network, Vienna, Austria / Hoboken (NJ), USA

12.15–13.15 • Lunch

13.15–14.15 • SESSION II: SCENARIOS
(Chair: Nigel Gilbert | University of Surrey, UK)

• "From predictive planning to anticipatory governance: combining simulation
  and participation in forward-looking decision-making"
  Matthias Weber | AIT Austrian Institute of Technology, Vienna, Austria
• "Technological spillovers and innovation networks – agent-based modelling
  of strategic scenarios"
  Andreas Pyka | University of Hohenheim, Germany

14.15–14.45 • Coffee break

14.45–16.45 • SESSION III: THE POWER OF BIG DATA AND MAPS
(Chair: Matthias Weber | AIT Austrian Institute of Technology, Vienna, Austria)

• "The big data science revolution"
  Scott Rickard | Salesforce, Seattle (WA), USA
• "Modelling research funding distributions, co-evolving publication-author
  networks, and career trajectories"
  Katy Börner | Indiana University, Bloomington (IN), USA
• "Drowning in information – visual enhanced information seeking
  technologies – past and present"
  Andrea Scharnhorst | Royal Netherlands Academy of Arts and Sciences,
  Amsterdam, The Netherlands
• "FP7 collaboration networks: accepted vs. rejected proposals"
  Panos Argyrakis | University of Thessaloniki, Greece

16.45–17.45 • Panel with all speakers

Evening Event

19.00 • ART EXHIBITION "PLACES & SPACES – MAPPING SCIENCE"
• **Presentation** | Katy Börner, Indiana University, Bloomington (IN), USA
  *We gratefully acknowledge the financial funding of this event provided by the
  EA European Academy´s Sponsors´ Club. Download programme here.*

20.30 • Reception with buffet

Tuesday, 12 May 2015

9.00 • Registration open

9.30–10.30 • KEYNOTE
(Chair: Petra Ahrweiler | EA European Academy, Bad Neuenahr-Ahrweiler, Germany)

• **"What is the relation between prediction and explanation?"**
Paul Hoyningen-Huene | Leibniz Universität Hannover, Germany /
University of Zurich, Switzerland)

10.30–11.30 • SESSION IV: APPLIED MODELS AND PLANNING PRACTICE (Part 1)
(Chair: Aoibheann Gibbons | University College Dublin, Ireland)

• **"Anticipation between prediction and speculation: different modes of orientation"**
Armin Grunwald | Karlsruhe Institute of Technology/ITAS, Germany
• **"Bibliometric-based visualizations and maps for technology foresight – a work in progress report"**
Marcus John | Fraunhofer Institute for Technological Trend Analysis INT, Euskirchen, Germany

11.30–12.00 • Coffee break

12.00–13.30 • SESSION IV: APPLIED MODELS AND PLANNING PRACTICE (Part 2)
(Chair: Armin Grunwald | Karlsruhe Institute of Technology/ITAS, Germany)

• **"Fostering user-directed innovation – Fraunhofer´s participatory methodology"**
Martina Schraudner | Fraunhofer-Center for Responsible Research and Innovation, Berlin, Germany
• **"Delving for diamonds – understanding the research base in a comprehensive university"**
Aoibheann Gibbons | University College Dublin, Ireland
• **"Planning and developing the Ruhr Metropolis"**
Hadia Straub | Ruhr Regional Association, Essen, Germany

13.30–14.00 • Lunch

14.00–15.00 • Panel with all speakers

15.00–15.30 • Coffee break

15.30–16.30 • EA EVENT
• Poster presentations of current projects of the EA European Academy
• Showcasing new publications of the EA European Academy

16.30 • Reception

Co-funding of the 2015 Annual EA Conference: COST Action KNOWeSCAPE

Conference organisation

**EA European Academy of Technology
and Innovation Assessment GmbH**
Petra Ahrweiler | Director and CEO

Contact and registration

**There is no conference fee, however,
please register in time as places are limited:**
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http://www.ea-aw.org/events/annual-ea-conferences/annual-ea-conference-2015.html

Conference hashtag: #EAscenarios, EA Twitter: twitter.com/europacad

Venue

Regional Representation of the European Commission, Bonn

Bertha-von-Suttner-Platz 2–4
53111 Bonn
Germany
T: +49 (0) 228 53009-0
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www.eu-bonn.de
(plan your journey with Google Maps)

How to get there

BY AIR
Cologne-Bonn airport (terminal 1/2): **Airport express SB 60 to Bonn;** get off at Brüdergasse/Bertha-von-Suttner-Platz/Bonn-Innenstadt (duration: 27 min.); walk to conference venue, either via Wenzelgasse or via Belderberg (duration each: 4 min.)
www.en.swb-busundbahn.de/bus-bahn/service/airport-express-sb60.html

BY TRAIN
Bonn main station; 3 different options:
• **Tram 66** (direction: Siegburg Bahnhof); get off at Bertha-von-Suttner-Platz (duration: 4 min.), conference venue at right-hand side
• **Tram 62** (direction: Bonn-Oberkassel Süd/Römlinghoven), get off at Bertha-von-Suttner-Platz/Beethovenhaus (duration: 6 min.), conference venue at right-hand side
• **Bus 603** (direction: Bechlinghoven Alte Schulstr.); get off at Bertha-von-Suttner-Platz/Beethovenhaus (duration: 8 min.), conference venue at right-hand side

BY CAR
Car parks nearby:
• **Stiftsgarage** (Kölnstr. 10–16, 53111 Bonn, Germany)
• **Parkhaus Stadthaus** (Weiherstr., 53111 Bonn, Germany)

Accommodation

Suggestions nearby:
• Hotel Aigner (8 min. walk to conference venue)
• Hilton Hotel (5 min. walk to conference venue)
• ibis Hotel (option 1: 15 min. walk to conference venue; option 2: bus 602 (direction: Venusberg Waldau); get off at Bertha-von-Suttner-Platz/Beethovenhaus (duration: 9 min.), conference venue at right-hand side)
• InterCity Hotel at Bonn main station (see above)

Please also visit www.bonn-region.de/en/ for further information.