

European IFA Academic Seminar

Participatory Foresight for Smarter Futures – From Design to Impact

September 16-19, 2013, ZHAW, Technopark Winterthur (Zurich), Switzerland

Programme

16. Sept. 2013

08:30 Welcome Coffee and Registration (Hall, Technopark Winterthur, Entrance C), Alphorn music in front of the entrance

09:30 Welcome Address (Hall)

by City Councillor Barbara Günthard-Maier, and Prof. Dr. Martina Hirayama, Dean School of Engineering, ZHAW, Switzerland
by IFA Coordinator Dr. Susanne Giesecke, AIT, Austria

10:00 Opening keynote speech by Dr. Harold A. Linstone, USA, Founding Editor and Editor-in-Chief 1969-2010 of TFSC (*Videoconf.*)
and Prof. Dr. Ron Johnston, Executive Director of the ACIIC Australian Centre for Innovation, Australia

10:45 – 11:15 Break (coffee, croissants, fruit, juice, tea, water)

11:15 **Participatory Foresight** (Hall)

Chair: Prof. Dr. Ron Johnston, ACIIC, Australia

Paper presentations and discussion:

[Improving Participatory Aspects in Foresight](#)

Dr. Susanne Giesecke, AIT, Austria

[Our Singapore Conversation: An Exercise in Participatory Foresight](#)

Dr. Adrian Kuah & Seok Hui Lim, PSD, Singapore

11:15 **Foresight Evaluation** (LT AE130)

Chair: Ruben Nelson, Foresight Canada

Paper presentations and discussion:

[Reflecting and discussing criteria for assessing the scientific quality in foresight studies](#)

Roman Peperhove, FUB, Germany and
Liisa Luoto, FFRC, Finland

[The integrated approach for foresight evaluation: case of Russian projects](#)

Dr. Anna Sokolova, HSE, Russia

11:15 **Hazards and Security** (LT AE140)

Chair: Dr. Juha Kaskinen, FFRC, Finland

Paper presentations and discussion:

[Three experiments – how to combine network theory and systems tools in foresight](#)

Dr. Leena Ilmola, IIASA, Austria

[Disaster Management disposed to sustainable solutions – The role of network dynamics](#)

Dr. Christina Weber, SCE, Germany

12:30 – 14:00 Lunch

16. Sept. 2013

<p>14:00 Participatory Foresight (Hall) Chair: Dr. Peter De Smedt, JRC, EC Paper presentations and discussion: <u>How do we have a say in our own futures? Mining the Future – a case study</u> Dr. Felicity Edwards, Foresight Canada <u>Participatory and stakeholder engagement: the Foresight Initiative of Italian Research Council</u> Dr. Augusta Maria Paci, CNR, Italy</p>	<p>14:00 Foresight Visualization (LT AE130) Chair: Dr. Cristiano Cagnin, CGEE, Brazil Paper presentations and discussion: <u>Fraunhofer's Shaping Future – Utilizing design knowhow to facilitate collective intelligence in foresight</u> Prof. Kora Kimpel, UDK Berlin, Germany <u>Assessing the functions and dimensions of visualizations in foresight</u> Dr. Adrian W. Müller, ZHAW, Switzerland</p>	<p>14:00 Hazards and Security (LT AE140) Chair: Dr. Juha Kaskinen, FFRC, Finland Paper presentations and discussion: <u>Prospective games for strategic decisions in defence and security</u> Dr. Claudio Correa, EGN, Brazil <u>Global security scenarios for the evaluation of emerging security technologies regarding non- technical and technical aspects</u> Dr. Antje Bierwisch, Fraunhofer ISI, Germany</p>
15:15 – 15:45 Break (coffee, biscuits, fruit, juice, tea, water)		
<p>15:45 Participatory Foresight (Hall) Chair: Dr. Peter De Smedt, JRC, EC Paper presentations and discussion: <u>Societal voices for societal challenges – revisiting the S in STEEP</u> Dr. Philine Warnke, AIT, Austria <u>A Holistic Approach to Social Forecasting: Theories, Methods, Applications</u> Dr. Martin Potůček, CU, Czech Republic</p>	<p>15:45 Foresight Visualization (LT AE130) Chair: Dr. Cristiano Cagnin, CGEE, Brazil Paper presentations and discussion: <u>Imagining the future through social media as a tool for social innovation</u> Dr. Mario Guillo, UA, Spain</p>	<p>15:45 Scarce Resources (LT AE140) Chair: Ruben Nelson, Foresight Canada Paper presentations and discussion: <u>China's Climate Policy between Global Pres- sure and Regional Action – Scenarios for 2030</u> Dr. Burkhard Auffermann, FFRC, Finland <u>Participatory Environmental Impact Foresight – Stakeholder enriched scenario planning</u> Dr. Eckhard Störmer, Z_punkt, Germany</p>

17:00 End day 1

19:00 Seminar Apéro and Dinner

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09:45 Welcome Address (Hall, Technopark Winterthur, Entrance C)

by Technopark Winterthur Director Dr. René Hausammann

10:00 Keynote speech by Dr. Jean-Claude Burgelman, DG RTD, European Commission

10:45 – 11:15 Break (coffee, croissants, fruit, juice, tea, water)

11:15 **Supporting Democracy** (Hall)
Chair: Dr. Susanne Giesecke, AIT, Austria
Paper presentations and discussion:
[Words of Encouragement: Reflections on the Emerging Practice of Societal and Civilizational Foresight](#)
Ruben Nelson, Foresight Canada
[Foresight unplugged: beyond any official targets, foresight is bound to serve democracy](#)
Dr. Effie Amanatidou, MBS, UK

11:15 **Science & Technology** (LT AE130)
Chair: Dr. Vania Guerra, ZHAW, Switzerland
Paper presentations and discussion:
[Network-based innovation across the private-public divide and its value for foresight on STI](#)
Dr. Miguel Lengyel, FLACSO, Argentina
[S&T Foresight in Russia: towards national system](#)
Dr. Sergey Shashnov, HSE, Russia

11:15 **Foresight Impacts** (LT AE140)
Chair: Dr. Riel Miller, UNESCO
Paper presentations and discussion:
[Baseline Foresight Impact Analysis for ASEAN Policy Innovation](#)
Jack E. Smith, TFCI, Canada
[FLUX-3D \(Forward Looking User eXperience\), a methodology to approach social innovations in a participatory/strategic way](#)
Dr. Enric Bas, UA, Spain

12:30 – 14:00 Lunch

17. Sept. 2013

<p>14:00 Impact & Participation (Hall) Chair: Dr. Susanne Giesecke, AIT, Austria Paper presentations and discussion: <u>The State of Foresight in Food and Agriculture: Challenges for Impact and Participation</u> Dr. Robin Bourgeois, GFAR Secretariat, Rome <u>Bridging the 'Policy' and 'Polity' with Foresight to enable Democratic Participation in Policy Making</u> Dr. Cristiano Cagnin, CGEE, Brazil</p>	<p>14:00 Science & Technology (LT AE130) Chair: Dr. Miguel Lengyel, FLACSO, Argentina Paper presentations and discussion: <u>National Priorities of Oriented Research, Development and Innovation in the Czech Republic</u> Dr. Martin Fatun, ASCR, Czech Republic <u>Foresight for sectoral development. Sectoral development as a 'Third Mission' activity at the Technical University of Denmark</u> Dr. Per Dannemand Andersen, TUD, Denmark</p>	<p>14:00 Future Mobility (LT AE140) Chair: Dr. Riel Miller, UNESCO Paper presentations and discussion: <u>Participatory Foresight to support Sustainable Mobility Planning in Polycentric Regions of Europe</u> Dr. Carlo Sessa, ISIS, Italy <u>Participative scenarios on eco-efficient transport: methodological challenges, results and relevance for policy making</u> Dr. Jens Schippl, ITAS, Germany</p>
15:15 – 15:45 Break (coffee, biscuits, fruit, juice, tea, water)		
<p>15:45 Impact & Participation (Hall) Chair: Dr. Susanne Giesecke, AIT, Austria Presentations and discussion: <u>Established Futures Work in Politics</u> Dr. Juha Kaskinen, FFRC, Finland <u>The potential of a web-based Personalized Horizon Scanning tool</u> T. Bachmann, A. Doukaras, V. Carabias, ZHAW, Switzerland</p>	<p>15:45 Science & Technology (LT AE130) Chair: Dr. Philine Warnke, AIT, Austria Paper presentations and discussion: <u>Foresight and Stakeholder engagement in the Ministry of Science, Technology and Innovation</u> Dr. Manuel Marí, MINCyT, Argentina (Skype) <u>Cultural and methodological differences between German and Chinese Roadmapping</u> Dr. Kerstin Cuhls, Fraunhofer ISI, Germany</p>	<p>15:45 Future Mobility (LT AE140) Chair: Dr. Riel Miller, UNESCO Paper presentations and discussion: <u>Creating prospective value chains for renewable road transport energy sources up to 2050 in Nordic Countries</u> Dr. Nina Wessberg, VTT, Finland</p>

17:00 End day 2

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<p>09:30 Innovation Workshop (Hall) Gamification and discussion (<i>part I</i>): Enabling innovation through game mechanics Roger Kirby, Niklaus Moor, Swisscom, Switzerland Jonas Bärtsch, Innoveto, Switzerland <i>Continuation after break in part II</i></p>	<p>09:30 Science & Technology (LT AE130) Chair: Dr. Vania Guerra, ZHAW, Switzerland Paper presentations and discussion: Research and innovation futures 2030: Emerging issues for science & research policy Dr. Matthias Weber, AIT, Austria Effective priority setting in international research programme cooperation: EU-Russia S&T cooperation Karel Haegeman, JRC-IPTS, EC</p>	<p>09:30 Energy Future (LT AE140) Chair: Vicente Carabias, ZHAW, Switzerland Input: <i>Current Swiss Energy Research progr.</i> Dr. Tony Kaiser, CORE President, Switzerland Paper presentations and discussion: Scenarios for a Sustainable ASEAN Energy Future Dr. Richard Silbergliitt, RAND Corporation, USA Energy Scenarios for Peru in 2030 Dr. José Luis Cordeiro, Venezuela (<i>Videoconf.</i>)</p>
<p>10:45 – 11:15 Break (coffee, croissants, fruit, juice, tea, water)</p>		
<p>11:15 Innovation Workshop (Hall) Gamification and discussion (<i>part II</i>): Enabling innovation through game mechanics Roger Kirby, Niklaus Moor, Swisscom, Switzerland Jonas Bärtsch, Innoveto, Switzerland</p>	<p>11:15 Science & Technology (LT AE130) Chair: Karel Haegeman, JRC-IPTS, EC Paper presentations and discussion: Integrated Foresight for Sustainable Economic Dev. & Eco-Resilience in ASEAN Countries Prof. Dr. Ron Johnston, ACIIC, Australia Foresight methods for smart specialisation dev. Dr. Agnė Paliokaitė, JSC, Lithuania</p>	<p>11:15 Energy Future (LT AE140) Chair: Dr. Corinne Moser, ZHAW, Switzerland Paper presentations and discussion: The key role of a foresight study and think tank launching a policy for marine renewable energy Dr. Denis Lacroix, IFREMER, France Exploring Future Acceptance for Wind Energy Prof. Harry Spiess, ZHAW, Switzerland</p>

12:30 – 14:00 Lunch

18. Sept. 2013

14:00 Science & Technology (LT AE130)

Chair: Dr. Matthias Weber, AIT, Austria

Paper presentations and discussion:

[*The experiences of industry foresight research in Taiwan*](#)

Dr. Cheng-Mei Tung, ITRI, Taiwan

[*Preparing for the Future: Decision making on technological innovations at universities*](#)

Dr. Vania Guerra, ZHAW, Switzerland

14:00 Future Cities & Participation (Hall)

Chair: Prof. Harry Spiess, ZHAW, Switzerland

Paper presentations and discussion:

[*The importance of participatory foresight on the way towards smart cities*](#)

Vicente Carabias, ZHAW, Switzerland

[*Sustainable urban development: A trans-disciplinary case study at the Siemens site in Zug, Switzerland*](#)

Dr. Corinne Moser, ETHZ, Switzerland

15:15 – 15:45 Break (coffee, biscuits, fruit, juice, tea, water)

15:45 Violine & accordion duo, ZHdK students (Hall, Technopark Winterthur, Entrance C)

Closure keynote speech *by* Dr. Riel Miller, UNESCO, Reviews Editor of Futures

Parting words *by* Dr. Susanne Giesecke, AIT, Austria and Vicente Carabias, ZHAW, Switzerland

Violine & accordion duo, ZHdK students

16:30 End European IFA Academic Seminar

Journal editors talk to the session chairs

Farewell Drinks

Zurich University
of Applied Sciences



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19. Sept. 2013

09:30 Meeting Scientific Committee with Journal Editors for paper allocation (Technopark Winterthur, Entrance B, Meeting Room 1200)
to Technological Forecasting and Social Change
to Futures

10:30 – 11:00 Break (coffee, croissants, fruit, juice, tea, water)

11:00 Continued Meeting Scientific Committee with Journal Editors for paper allocation

11:45 Follow-up IFA Academic Seminar

12:15 – 14:00 Goodbye Lunch



Canton of Zurich
Department for Economic Affairs
Office for Economy and Labour



schweizerische akademische gesellschaft für umweltforschung und ökologie
société académique suisse pour la recherche environnementale et l'écologie
swiss academic society for environmental research and ecology

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