The 4th International Seville Conference on Future Oriented Technology Analysis (FTA) – 12 & 13 May 2011

FTA for structural and systemic transformations in response to grand societal challenges – integrating insights, transforming institutions and shaping innovation systems - Preliminary Programme

12 May 2011

08:00 – 09:00 Registration

09:00 – 11:00 Plenary Session

- John Bensted-Smith, IPTS Director
- Jorma Ollila, Chairman, Nokia
- Lucia Melo President of CGEE (Brazilian Centre for Strategic Studies and Management)
- Harold Linstone, editor-in-chief of Technological Forecasting and Social Change
- Richard Hames, Distinguished Professor and Founding Director of the Asian Foresight Institute at Dhurakij Pundit University, Bangkok

11:00 – 11:30 Coffee Break

11:30 – 13:30 Parallel Sessions

Scientific papers

Theme 1: ORIENTING TOWARDS INNOVATION GLOBAL CHALLENGES

- Theme 2: BUILDING FTA CAPACITIES FOR SYSTEMIC & STRUCTURAL TRANSFORMATIONS
- Theme 3: PREMISES AND PRACTICES IN COMBINING QUANTITATIVE AND QUALITATIVE METHODS

1. Anchor paper
2. Identifying the direction and promoting factors of innovation toward grand challenges – Yoshiko Yokoo, Kumi Oikawa
5. Embedding Foresight in Joint Programming in Research – Totti Kõnnõlä, Karel Haegeman, Ken Guy
7. Social attitude toward sustainable development in 2025: A case for reinforcing scenario design – José Miguel Fernández Güell, Leticia Redondo Gomez
8. Rethinking the expertise of experts in assessing disruptive transformative futures – Sofi Kurki, Heinonen, Sirkka
9. Order your images of the future: Applications in Germany – Markus Heiden, Bürgervertrag, Sirkka
10. Future scenarios to inspire innovations – Peter De Smedt, Kristian Borch

5. Rethinking the expertise of experts in assessing disruptive transformative futures – Sofi Kurki, Heinonen, Sirkka
6. Order your images of the future: Applications in Germany – Markus Heiden, Bürgervertrag, Sirkka
7. Future scenarios to inspire innovations – Peter De Smedt, Kristian Borch

2. Complexity Science Approaches to Disruptive Events – Averil Horton
3. Facing the future: Scanning, Synthesizing and Sense-making in Horizon Scanning – Totti Kõnnõlä, Atl Hilo, Cristiano Cagnin, Vicente Carabias, Eeva Vilkkaa
4. Wild Cards and Weak Signals informing and shaping ERA – Rafael Popper

13:30 – 14:30 Posters in the patio

14:30 – 16:00 Parallel Sessions

Scientific papers

T. 1b: Innovation and sustainability

1. Identifying S&T and innovation priorities for the sector of natural resources in Russia – Serjej Shashnov, Anna Sokolova
2. The challenge of global Foresight: Current and future state of S&T and innovation priorities for the sector of natural resources in Russia – Serjej Shashnov, Anna Sokolova
3. The challenge of global Foresight: Current and future state of S&T and innovation priorities for the sector of natural resources in Russia – Serjej Shashnov, Anna Sokolova
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16:00 – 16:30 Coffee Break

16:30 – 18:00 Parallel Session

Scientific papers

T. 1c: Innovation and collaboration

T. 2c: Business

T. 3c: Monitoring & managing platforms

Energy


18:00 – 18:15 Plenary Closing and info on cocktail

20:00 Cocktail Alcazar
13 May 2011

09:00 – 09:30 Plenary Session  Presentation of pre-conf. survey results

09:30 – 11:00 Parallel Sessions Scientific papers

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<tr>
<th>T. 1d Nanotech and global challenges</th>
<th>T. 2d Capacity building</th>
<th>T. 3d Mobility</th>
<th>09:30 – 11:00 Good-Practice Session/Policy Workshop (by invitation only)</th>
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<tr>
<td>11. Nanotechnology Research in India: Challenges and Futures Analysis – Amit Kumar, Pranav N. Desai</td>
<td>11. FTA Capacity Building in a Broad Sense: FTA to change prevailing attitudes and  organisational settings that prevent participatory strategy-setting processes – Attila Havas</td>
<td>11. Developing a Backcasting Approach for Systemic Transformations towards Sustainable Mobility - The Case of the Automotive Industry in Germany – Martin Zimmermann, Johannes Warth; Inga-Leina Darkow</td>
<td>The role of FTA in Preparing Society for Emerging Issues</td>
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11:00 – 11:30 Coffee Break

11:30 – 13:30 Parallel Sessions Scientific papers

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<th>T. 1e Tools</th>
<th>T. 2e Evaluation &amp; impacts</th>
<th>T. 3e Simulation and modelling</th>
<th>11:30 – 13:30 Good-Practice Session/Policy Workshop (by invitation only)</th>
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<td>Lunch</td>
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<td>13:30 – 14:30 Posters in the patio</td>
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14:30 – 16:00 Parallel Sessions Scientific papers

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<th>T. 1f Disruption and uncertainty</th>
<th>T. 2f Expectations and communication</th>
<th>T. 3f Combining quantitative and qualitative tools</th>
<th>Health</th>
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<td>19. Orienting research and innovation policies towards grand societal challenges: the role of FTA in anticipating disruptive transformations – Martin Rhiisart</td>
<td>19. The challenges of communicating the foresight study outcomes to better advise decision makers in policy and strategy matters – Claudio Chauke Nehme, Marcio de Miranda Santos; Lelio Fellows Filho; Gilda Massari Coelho</td>
<td>19. Text Mining of Information Resources to Inform Forecasting of Innovation Pathways – Lu Huang, Ying Guo, TingTing Ma, Alan L. Porter</td>
<td>12. Technology Acceptance of Home Care Service Providers – Susanne Gieseker, Stefan Nöst, Dominik Haubner</td>
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16:00 – 16:30 Coffee Break

16:30 – 18:00 Final Plenary Session

- Rapport back on good practice session connecting outcomes with policy needs, options and implications – Ron Johnston, Executive Director of the Australian Centre for Innovation (ACIC)
- Rapport back on scientific sessions connecting conference outcomes with policy needs, options and implications – Luke Georgiou, Vice-President for Research and Innovation at the University of Manchester, and Riel Miller, Founder of xperidox futures consulting and Faculty Member, Masters of Public Affairs, Sciences Po, Paris
- Closing remarks by Xabier Goenaga, IPTS, Head of KIG Unit

18:00 Conference End