## WORKSHOP PROGRAMME

*Updated 3 June 2019*

The Main Conference Programme is available at [www.futuresconference.fi/2019](http://www.futuresconference.fi/2019)

This workshop programme may be subject to change.

### DAY 1: Wednesday 12 June

<table>
<thead>
<tr>
<th>Venue Session</th>
<th>Teatro-Sali</th>
<th>Move-Sali</th>
<th>Logi-Sali 1</th>
<th>Logi-Sali 2</th>
<th>Kino-Sali</th>
<th>Goto 31</th>
<th>Goto 32</th>
<th>Goto 33</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:45–15:30</td>
<td></td>
<td></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td><strong>Session I</strong></td>
<td>New forms of participative democracy and their consequences</td>
<td>The heterogeneity of actors and the many levels of analysis in social futures</td>
<td>Advances in methods in futures studies</td>
<td>Specific social futures (case studies on welfare, human relations, work, lifestyles)</td>
<td>Special Session: Linking futures studies, social theories, and methodologies</td>
<td>Foresight activities and their effect on sustainability transitions</td>
<td>Combining corporate foresight with corporate social responsibility</td>
<td>Workshop: Using critique and utopias as analytic strategies and activism; creating new sustainable futures? - A common sense of responsibility for social change</td>
</tr>
<tr>
<td>16:00–17:30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Session II</strong></td>
<td>New forms of participative democracy and their consequences</td>
<td>Citizen science, power, responsibility and foresight</td>
<td>Advances in methods in futures studies</td>
<td>Specific social futures (case studies on welfare, human relations, work, lifestyles)</td>
<td>Panel: What are Social Futures? The View from Lancaster</td>
<td>Foresight activities and their effect on sustainability transitions</td>
<td>Combining corporate foresight with corporate social responsibility</td>
<td>Workshop: Becoming future-oriented in the age of digitalisation</td>
</tr>
</tbody>
</table>
## DAY 2: Thursday 13 June

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Venue</th>
<th>Session</th>
<th>Teatro-Sali</th>
<th>Move-Sali</th>
<th>Logi-Sali 1</th>
<th>Logi-Sali 2</th>
<th>Kino-Sali</th>
<th>Goto 31</th>
<th>Goto 32</th>
<th>Goto 33</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00–10:30</td>
<td>Session III</td>
<td>Teatro-Sali</td>
<td>New forms of participative democracy and their consequences</td>
<td>Citizen science, power, responsibility and foresight</td>
<td>Advances in methods in futures studies</td>
<td>The heterogeneity of actors and the many levels of analysis in social futures</td>
<td>Panel: Exploring systemic innovations towards sustainability in community clusters in different countries</td>
<td>Workshop: National Foresight 2020 - Sharing knowledge on networked foresight</td>
<td>Futures education and learning</td>
<td>Workshop: Back to the futures we want: Envisioning and backcasting for sustainable futures</td>
<td></td>
</tr>
<tr>
<td>10:45–12:30</td>
<td>Session IV</td>
<td>Teatro-Sali</td>
<td>New forms of participative democracy and their consequences</td>
<td>Citizen science, power, responsibility and foresight</td>
<td>Futures studies in the empowerment of agency</td>
<td>The roles of futures studies in the negotiation of values and desired futures</td>
<td>Film: WHO MADE YOU? Exploring the Uncanny Valley (2019)</td>
<td>Workshop: Role-based game on Bio-economy and Justice year 2125</td>
<td>Futures education and learning</td>
<td>Workshop: Utopias to combat futures-by-negation</td>
<td></td>
</tr>
<tr>
<td>13:30–15:00</td>
<td>Session V</td>
<td>Teatro-Sali</td>
<td>Special Session: Reprise the results of the digital survey of the Constructing Social Futures Conference</td>
<td>Citizen science, power, responsibility and foresight</td>
<td>Futures studies in the empowerment of agency</td>
<td>The roles of futures studies in the negotiation of values and desired futures</td>
<td>Film: WHO MADE YOU? Exploring the Uncanny Valley (2019)</td>
<td>Workshop: Interrupting the fiction of the ‘risk monster’</td>
<td>Advances in methods in futures studies</td>
<td>Workshop: Security futures in the urban age - Discussing three scenarios of 2040</td>
<td></td>
</tr>
</tbody>
</table>
WEDNESDAY 12 JUNE 2019

Chaired Poster Session at 13:00–13:45

Room: Galleria-Sali
Chair: Sanna Ahvenharju

People Powered Future of Food
Leena Jokinen, Anna Kirveennummi, Leena-Maija Laurén, Riikka Saarimaa & Petri Tapio
Finland Futures Research Centre, University of Turku

Exploring corporate foresight in Finnish Lapland – Case Etumatka
Jenni Kemi, Mari Vähäkuopus & Anu Harju-Myllyaho
Lapland University of Applied Sciences

Connecting global research facilities: Experiences of the RISCAPE-project
Mikkel Stein Knudsen, Marianna Birmoser Ferreira-Aulu, Elizaveta Shabanova-Danielyan, Weiqing Wang, Jari Kaivo-oja & Jyrki Luukkanen
Finland Futures Research Centre, Finland

The Millennium Project and 15 Global Challenges
Osmo Kuusi, Sari Söderlund, Toni Ahlqvist, Mikko Dufva, Sirkka Heinonen & Juha Kaskinen

Speaking the future: A Critical futures studies approach to the technologies of learning in post-compulsory education
Ralph Mercer
The Open University, United Kingdom

Proteins of the future. Project: PROTEIN2FOOD – Pioneering crops for future generations
Ritva Repo-Carrasco-Valencia
Universidad Nacional Agraria La Molina, Peru
Session I at 13:45–15:30

New forms of participative democracy and their consequences
Time: Wednesday 12 June at 13:45–15:30
Room: Teatro-Sali
Chair: Professor Sirkka Heinonen

From fortune tellers to designers: What happened to our social futures?
Paola Pierri
University of the Arts London, United Kingdom

Self-driven Faustian bargain or opportunity for imagination? Envisioning framework for participatory expansion of socio-technical horizons for emerging mobility technologies
Milos Mladenovic
Department of Built Environment, Aalto University, Finland

Technology acceleration and the future of humanity
Felipe Arocena
Universidad de la Republica, Uruguay

Specific social futures (case studies on welfare, human relations, work, lifestyles)
Time: Wednesday 12 June at 13:45–15:30
Room: Logi-Sali 2
Chair: Dr Ville Lauttamäki

Labour market 2035: future scenarios for Estonia
Johanna Vallistu
Foresight Centre at the Parliament of Estonia, Estonia

Evaluating the impact of futures work and foresight – Good practices and lessons learned from Sitra’s impact evaluation
Katri Vataja & Pinja Parkkonen
Finnish Innovation Fund Sitra, Finland

Findings from a Futures Barometer in Finland
Mikko Dufva & Jenna Lähdemäki-Pekkinen
Finnish Innovation Fund Sitra, Finland

The cosmopolitan future of identity; The changing nature of space and time
Johanna Raitis, Riikka Harikkala-Laihinen, Niina Nummela & Eriikka Paavilainen-Mäntymäki
Turku School of Economics, University of Turku, Finland
Foresight activities and their effect on sustainability transitions
Time:  Wednesday 12 June at 13:45–15:30
Room:  Goto 31
Chair:  Dr Sari Puustinen

Imaginary urban green design – possibilities of the method of empathy-based stories for futures studies
Marja Mesimäki
University of Helsinki, Finland

Weak signals and foresight in urban planning: The role of green in future urban cores
Markku Wilenius & Ana Jones
Finland Futures Research Centre, University of Turku, Finland

The user experiences of the futures wheel method advancing futures thinking in the field of built environment
Saija Toivonen⁰, Anahita Rashidfarokhi⁰ & Riikka Kyrö¹
⁰Aalto University, Finland
¹Lund University, Sweden

Combining corporate foresight with corporate social responsibility
Time:  Wednesday 12 June at 13:45–15:30
Room:  Goto 32
Chair:  Dr Juha Kaskinen

Corporate social responsibility: A futures driver of self-development in Solapur district
Ramesh Gadhave
Solapur University, Solapur, India

Working together towards common goals. The kinship and operational compatibility of corporate sustainability and foresight
Kati Rissanen
University of Turku, Finland

Sustainability futures in a shipbuilding network
Marileena Mäkelä⁰, Katariina Heikkilä⁰, Leena Jokinen⁰, Jouni Saarni³, Oana Apostol² & Helka Kalliomäki⁰
⁰Finland Futures Research Centre, University of Turku, Finland
²Centre for Collaborative Research, University of Turku, Finland
³Accounting and Finance, University of Turku, Finland
Advances in methods in futures studies
Time: Wednesday 12 June at 13:45–15:30
Room: Logi-Sali 1
Chair: Professor Petri Tapio

**Toward a scenario development using dynamic analysis: A fuzzy cognitive map based trend impact analysis method to adapt to new environs**
Raúl Trujillo-Cabezas
Universidad Externado de Colombia, Colombia

**Exploratory scenario-visioning-optimisation method; An integrated qual-quant approach**
David Chikwendu, Paul Timms & David Watling
Institute for Transport Studies, University of Leeds, United Kingdom

**Network-of-networks scenarios for shared infrastructure planning foresight using disaggregative policy delphi**
Robin Neef, Stefan Verweij & Tim Busscher
University of Groningen, the Netherlands

**Assessing futures consciousness of Finnish elite members**
Sanna Ahvenharju
Finland Futures Research Centre, University of Turku, Finland

The heterogeneity of actors and the many levels of analysis in social futures
Time: Wednesday 12 June at 13:45–15:30
Room: Move-Sali
Chair: Adjunct Professor Tuomas Kuhmonen

**Foresight to help prepare transformative R&I programmes: The case of FP9**
Matthias Weber
AIT Austrian Institute of Technology, Austria

**Radical technology inquirer. A tool for systematic, transparent and participatory anticipation of sociotechnical transformations**
Osmo Kuusia & Maria Höyssä
\(^a\)Aalto University and University of Turku, Finland
\(^b\)Committee for the future of the Parliament of Finland, Finland

**Co-creating scientific knowledge in an age of grand challenges: Connecting international Research Infrastructures**
Mikkel Stein Knudsen, Marianna B. Ferreira-Aulu & Jari Kaivo-oja
Finland Futures Research Centre, University of Turku, Finland

**Structural innovation through projects**
Peeter Vihma
University of Helsinki, Finland
Special Session: Linking futures studies, social theories, and methodologies
Time:  Wednesday 12 June at 13:45–15:30
Room:  Kino-Sali
Chair:  Professor Toni Ahlqvist

Future-oriented dialectics, socio-technical antagonisms, and radical technologies
Toni Ahlqvist
Finland Futures Research Centre, University of Turku, Finland

Anticipating scored societies: Using future studies to explore and prototype the use of citizen scores and social credit systems
Stuart Connor
University of Wolverhampton, England

Performative participation in anticipatory spatial planning
Ferry Van de Mosselaer
Fontys ACI / Leuven University, The Netherlands

Workshop: Using critique and utopias as analytic strategies and activism; creating new sustainable futures? - A common sense of responsibility for social change
Time:  Wednesday 12 June at 13:45–15:30
Room:  Goto 33
Facilitators: Mette Bladt\textsuperscript{a}, Frederik Aagaard Hagemann\textsuperscript{b}, Janne Gleerup\textsuperscript{c}, Jonas Egmose\textsuperscript{c}, Signe Hvid Thingstrup\textsuperscript{d}, Mia Husted\textsuperscript{d} and Ditte Tofteng\textsuperscript{d}
\textsuperscript{a}University College Copenhagen, Denmark
\textsuperscript{b}SLU Alnarp, Sweden
\textsuperscript{c}Roskilde University, Denmark
\textsuperscript{d}University College Copenhagen, Denmark

This workshop will present the core perspectives within Critical Utopian Action Research, illustrating how CUAR can be a part of creating sustainable social futures, through participation.
Session II at 16:00-17:30

New forms of participative democracy and their consequences

Time: Wednesday 12 June at 16:00–17:30
Room: Teatro-Sali
Chair: Professor Ted Fuller

Governance scenarios for nation states: Options and context
Meelis Kitsing a & Erik Terk b
 a Foresight Centre at Estonian Parliament, Estonia; b Tallinn University, Estonia

Deliberative anticipation
Hanna-Kaisa Pernaa, University of Vaasa, Finland

The future of work in 2030: From report to participatory workshop
Heather Russek, Jessica Thornton & Tara O’Neil
Brookfield Institute for Innovation + Entrepreneurship, Canada

Citizen science, power, responsibility and foresight

Time: Wednesday 12 June at 16:00–17:30
Room: Move-Sali
Chair: Dr Burkhard Auffermann

“Three Horizons” for community anticipation of flood risks
Rocco Scolozzi & Roberto Poli, University of Trento, Italy

Planning for Third Horizon futures: After the collapse
Christopher Jones, Walden University, United States

The Future of Surveillance: A Critical Infrastructure Analysis of the 5th Generation Wireless Technology (5G)
Sebastiao Teatini, University of Oulu, Finland

Society in transition. Perspectives and consequences for civil-military relations and the armed forces in the future
Chariklia Rothbart, Bundeswehr Office for Defence Planning, Germany

Specific social futures (case studies on welfare, human relations, work, lifestyles)

Time: Wednesday 12 June at 16:00–17:30
Room: Logi-Sali 2
Chair: Professor Máiréad Nic Craith
Designing future experiences of the everyday
Claudia Garduño García & Idil Gaziulusoy
School of Arts, Design and Architecture, Aalto University, Finland

Craft in constructing social futures 2050
Päivi Fernström, Riikka Räisänen & Ana Nuutinen
aUniversity of Helsinki, Finland
bUniversity of Lapland, Rovaniemi, Finland

Participatory art as a dialogic tool for constructing social futures: A case study on negotiating the Canadian Complexity for the Confederation's Sesquicentennial (Canada 150)
Hallie Siegel
Strategic Foresight and Innovation Lab (sLab), OCAD University, Canada

Foresight activities and their effect on sustainability transitions

Time: Wednesday 12 June at 16:00–17:30
Room: Goto 31
Chair: Dr Jarmo Vehmas

The role of energy prosumers in the transition of the Finnish energy system towards 100% renewable energy by 2050
Michael Child, Dmitrii Bogdanov & Christian Breyer
Lappeenranta University of Technology - LUT, Finland

Application of foresight methods in the research of a disruptive geothermal technology (CHPM)
Tamás Miklovicz, Marco K. Martins & Bodo Balazs
La Palma Research Centre, Spain

Frames and futures in the Dutch energy transition
Sietske Veenman
Radboud University, The Netherlands

A prospective study of biogas in Germany in the Energy Systems of 2050 – A way to cope with complexity
Martin Rojas
Helmholtz Centre for Environmental Research, Germany

Combining corporate foresight with corporate social responsibility

Time: Wednesday 12 June at 16:00–17:30
Room: Goto 32
Chair: Dr Jari Kaivo-oja
**Corporate Foresight and the agile enterprise**
Christoph K. Keller
Aveniture GmbH, Germany

**The role of business executives’ values in shaping organisation's long-term strategy**
Jan Klakurka\(^a\) & Candice C. Chow\(^b\)
\(^a\)Huron College University, University of Western Ontario, Canada
\(^b\)Elevae (Strategic Advisory and Management Development Co.), Canada

**‘Knowledge of the future’ in health and wellness business**
Anu Haapala
South-Eastern Finland University of Applied Sciences, Finland

**The future of pharma: Technology, policy and business**
Anna Karhu
University of Turku, Finland

**Advances in methods in futures studies**

*Time:* Wednesday 12 June at 16:00–17:30
*Room:* Logi-Sali 1
*Chair:* Dr Juha Kaskinen

**Holistic approach to identifying and quantifying community emissions and energy shifts to mitigate rebound**
Susan Byrne, Bernadette O’Regan & Rosemary Byrne
University of Limerick, Ireland

**Sustainable future for biodiesel in Brazil: Perspectives for 2030**
Maria Amelia Dias, Joao Vianna and Claus Felby
University of Brasilia, Brazil

**Sustainable futures of women in agriculture sector of India**
Kamble Gautam
Solapur University, Solapur (Maharashtra), India

**Participatory foresight in rural area development**
Antti Rajala & Hanna-Leena Pesonen
Regional Council of Lapland, Finland

**Panel: 'What are Social Futures? The View from Lancaster'**
*Time:* Wednesday 12 June at 16:00–17:30
*Room:* Kino-Sali
*Facilitators:* Carlos López Galviz, Emily Spiers, and Nicola Spurling
Institute for Social Futures, Lancaster University, United Kingdom
Creative Futures
Emily Spiers
Institute for Social Futures, Lancaster University, United Kingdom

Inverted Mobility Futures
Nicola Spurling
Institute for Social Futures, Lancaster University, United Kingdom

Past Urban Futures
Carlos López Galviz
Institute for Social Futures, Lancaster University, United Kingdom

Special Session: Becoming future-oriented in the age of digitalisation
Time: Wednesday 12 June at 16:00–17:30
Room: Goto 33
Facilitators: Stefanie Ollenburg, Miriam Chrosch, Anna Kononiuk & Alicja Gudanowska

A workshop to experience how attitudes and perspectives influence the vision of future developments. The format brings together the concept of futures with the process of design thinking.

The road to prototyping an online course in futures literacy for students, academics and entrepreneurs
Anna Sacio-Szymanskaa, Anna Pajakb, Anna Kononiukb, Alicja Gudanowskab, Stefanie Ollenburgc, Leonello Trivellid, Gualtiero Fantonie, Oihana Hernaeze & Ibon Zugastif
aInstitute for Sustainable Technologies-National Research Institute (ITeE-PIB), Poland
bBialystok University of Technology-BUT, Poland
cFreie Universitaet Berlin, Institut Futur, Germany
dUniversity of Pisa, Italy
eProspektiker, Spain

The methodology of identifying key competences of future-oriented entrepreneurs in the beFORE project
Anna Kononiukb, Alicja Gudanowskab, Andrzej Magrukba, Anna Sacio-Szymańskaa, Stefanie Ollenburgc & Leonello Trivellid
aBialystok University of Technology-BUT, Poland
bInstitute for Sustainable Technologies-National Research Institute, Poland
cFreie Universitaet Berlin, Institut Futur, Germany
dUniversity of Pisa, Italy

Workshop: Exploring the perspectives of futures – Futures Literacy meets Design Thinking
Stefanie Ollenburgc, Anna Sacio-Szymańskaa, Monika Tkaczc, Anna Kononiukd, Alicja Gudanowskd
aFreie Universitaet Berlin, Institut Futur, Germany
bInstitute for Sustainable Technologies-National Research Institute (ITeE-PIB), Poland
cMondragon Innovation & Knowledge Research Centre, Mondragon University, Spain
dBialystok University of Technology-BUT, Poland
New forms of participative democracy and their consequences
Time: Thursday 13 June at 9:00–10:30
Room: Teatro-Sali
Chair: Dr Jarmo Vehmas

Makers of sustainable society? Critical notes on the responsibilization of youth in the sustainable development and climate change discourse
Tiina Rättilä\textsuperscript{a}, Irmeli Mustalahti\textsuperscript{b} & Matti Pihlajamaa\textsuperscript{c}
\textsuperscript{a}Faculty of Social Sciences, Tampere University, Finland
\textsuperscript{b}Institute for Natural Resources, Environment and Society, University of Eastern Finland, Finland
\textsuperscript{c}Faculty of Management and Business, Tampere University, Finland

Public involvement methods for the future development plans in the context of social conflict
Triin Vihalemm, Asko Lõhmus & Maie Kiisel
University of Tartu, Estonia

Future of voters' decision making
Hanna Willman-livarinen, Miratio, Finland

Citizen science, power, responsibility and foresight
Time: Thursday 13 June at 9:00–10:30
Room: Move-Sali
Chair: Dr Juha Kaskinen

Constructing futures through residents and diaspora-led social entrepreneurship
Jorge Martins & Tim Vorley, The University of Sheffield, United Kingdom

Solapur smart city: The role and responsibilities of citizen in constructing social future
Amol Gajdhane, Solapur University, Solapur, Maharashtra State, India

Modes and objects of knowledge: Tackling climate change in municipal organisations
Mikko J. Virtanen, Tapio Reinekoski, Turo-Kimmo Lehtonen & Lauri Lahikainen
University of Tampere, Finland

Knowledge based decision making on sustainable development – Using citizen panel to increase the usefulness of indicator data
Sami Pirkkala, Prime Minister’s Office, Finland
Advances in methods in futures studies
Time: Thursday 13 June at 9:00–10:30
Room: Logi-Sali 1
Chair: Professor Petri Tapio

The agency and knowledge creation in participatory futures workshop
Hanna Heino
University of Turku, Finland

Futures workshops as a tool for bringing different actors together to co-create desired futures. Lessons from Peru and Colombia
Hanna Lakkala⁴, Marianna B. Ferreira-Aulu⁵, Juha Kaskinen⁶, Ritva Repo-Carrasco-Valencia⁷, Omar Del Carpio⁶, Fernando Vargas⁶, Eduardo Morales⁷, Kenneth Ochoa⁶, Carlos Quintero⁶ & María Eugenia Rodríguez⁶
⁴Finland Futures Research Centre, University of Turku, Finland
⁵Universidad Nacional Agraria la Molina, Peru
⁶Universidad el Bosque, Colombia

That futures workshop was great – So what now?? Future scenarios to lasting action and agency
Elissa Farrow
University of Sunshine Coast, Australia

Sense making - future making. Adults imagining their futures
Katarina Heikkilä & Anna Kirveennummi
Finland Futures Research Centre, University of Turku, Finland

The heterogeneity of actors and the many levels of analysis in social futures
Time: Thursday 13 June at 9:00–10:30
Room: Logi-Sali 2
Chair: Dr Jari Kaivo-oja

The implications of derived demand for scenario planning
Meelis Kitsing
Foresight Centre / Estonian Business School, Estonia

ShE-2030_Future scenarios for the shared & collaborative economy in 2030; A foresight based exploratory analysis on the coming post-capitalist society and the transforming role of technology, creativity and social innovation in the new economy
Enric Bas and Anna Bossler
Futulab, University of Alicante, Spain

Constructing a sustainable Industry 4.0: Foresight as enabler of circular additive manufacturing business models
Mikkel Stein Knudsen, Jari Kaivo-oja & Theresa Lauraéus
Finland Futures Research Centre, University of Turku, Finland
Engine of the bio economy or merely a raw material provider – Futures of Finnish forestry
Marileena Mäkelä, Finland Futures Research Centre, University of Turku, Finland

Futures education and learning
Time: Thursday 13 June at 9:00–10:30
Room: Goto 32
Chair: Dr Mrunalini Fadnavis

About future visions of society and professional responsibility – Future missions from the perspective of teachers
Doreen Cerny
University of Teacher Education Salzburg Stefan Zweig, Austria

The regional specifics of future-oriented education practice: Methodological issues of comparative analysis
Tatiana Yakubovskaya
Professional Teacher Education School, University of Tampere, Finland
Open Foresight-Laboratory, “Future-Oriented Education”, Institute of Individualization and Tutoring, Ukraine
"Open Foresight-laboratory" Analytical Agency, Russia

How to foster futures awareness with futures guidance?
Johanna Ollila, Leena Jokinen & Sari Miettinen
Finland Futures Research Centre, University of Turku, Finland

The future school 2030 – The future images held by young people about the future of education
Elina Nikula, Tero Järvinen & Anne Laiho
University of Turku, Finland

Workshop: Back to the futures we want: Envisioning and backcasting for sustainable futures
Time: Thursday 13 June at 9:00–10:30
Room: Goto 33
Facilitators: Sachiko Ishihara & Laila Mendy
Uppsala University, Sweden

A workshop critically reflecting on how to facilitate learning processes to head towards desirable futures.
Panel: Exploring systemic innovations towards sustainability in community clusters in different countries
Time: Thursday 13 June at 9:00–10:30
Room: Kino-Sali
Facilitators: Rabi Narayan Kar\textsuperscript{a}, Kaisa Sorsa\textsuperscript{b}, Kusha Tiwari\textsuperscript{c}, Keijo Varis\textsuperscript{d} & Ari Lindeman\textsuperscript{e}  
\textsuperscript{a}Shyam Lal College, University of Delhi, Delhi, India  
\textsuperscript{b}Turku University of Applied Sciences, Turku, Finland  
\textsuperscript{c}Shyam Lal College, University of Delhi, Delhi, India  
\textsuperscript{d}Turku University of Applied Sciences, Turku, Finland  
\textsuperscript{e}South-Eastern Finland University of Applied Sciences – XAMK, Finland

Workshop: National Foresight 2020 - Sharing knowledge on networked foresight
Time: Thursday 13 June at 9:00–10:30
Room: Goto 31
Facilitators: Christopher Rowley\textsuperscript{a}, Maria Malho\textsuperscript{a}, Matti Minkkinen\textsuperscript{b}, Burkhard Auffermann\textsuperscript{b} and Laura Pouru\textsuperscript{b},  
\textsuperscript{a}Demos Helsinki, Finland  
\textsuperscript{b}Finland Futures Research Centre, University of Turku, Finland

A workshop session on networked foresight and national foresight, where participant experiences will be collected and shared systematically.
Session IV at 10:45–12:30

New forms of participative democracy and their consequences
Time: Thursday 13 June at 10:45–12:30
Room: Teatro-Sali
Chair: Professor Máiréad Nic Craith

The transformative power of heritage futures in societies
Katriina Sivonen
Finland Futures Research Centre, University of Turku, Finland

Science or entertainment? Futures of local natural history museum
Minna Santaoja
Turku Institute of Advanced Studies, Finland Futures Research Centre, University of Turku, Finland

Engaging with Trauma in Participatory Futures Work
Amy Hosotsuji & Samhita Misra
The Futures Network, Canada

Future Design Thinking: Aurora`s Journeys Atelier based on Adel Alas model and Nordic heritage
Maria Angeles Alvarez Laso
Cefinii Consulting & Adel Alas Foundation, Nor lights Stavanger Montessori School, Sandnes library, Norway

Citizen science, power, responsibility and foresight
Time: Thursday 13 June at 10:45–12:30
Room: Move-Sali
Chair: Dr Ville Lauttamäki

We are the people? Opinions, hopes and fears of Dutch citizens on future and technology
Patrick Van der Duin*, Paul Lodder* & Dhoya Snijders*
*The Netherlands Study Centre for Technology Trends, The Netherlands
*Tilburg University, The Netherlands
*Rathenau Instituut, The Netherlands

Social innovation labs as sources of futures knowledge
Merja Lang & Tuula Jäppinen,
Association of Finnish Local and Regional Authorities, Finland

An experiment in participatory futurism
Oliver Bream McIntosh
University of Nottingham, United Kingdom

Privacy after the flood: Analysing the relationship between privacy and futures
Matti Minkkinen
Finland Futures Research Centre, University of Turku, Finland
Futures studies in the empowerment of agency
Time: Thursday 13 June at 10:45–12:30
Room: Logi-Sali 1
Chair: Professor Sirkka Heinonen

Futures communication
Elizabeth Hofvenschoiold
University of the West of Scotland, United Kingdom

Journalism in a peer-to-peer anticipatory assemblage. How pioneering entrepreneurial journalists anticipate the futures of journalism
Juho Ruotsalainen¹, Sirkka Heinonen², Jaana Hujanen³ & Mikko Villi⁴
¹Finland Futures Research Centre, University of Turku, Finland
²University of Helsinki, Finland
³University of Jyväskylä, Finland

Experiencing scenarios through dramatized narratives
Jouko Myllyoja
VTT Technical Research Centre of Finland Ltd, Finland

The roles of futures studies in the negotiation of values and desired futures
Time: Thursday 13 June at 10:45–12:30
Room: Logi-Sali 2
Chair: Education Manager Leena Jokinen

Exploring meaningful futures together – An integrative approach to futures and values-orientation in theory and practice
Thomas Mengel
University of New Brunswick, Canada

Concepts as futures. A proposal for a continuation of conceptual history in Futures Studies
Sascha Dannenberg & Nele Fischer
Freie Universität Berlin, Germany

The grey swan and the ugly duckling – The logic behind transdisciplinary "Futures Science"
Dennis Mandwurf
Society & Innovation, VDI | VDE | Innovation + Technology GmbH, Germany

Probable new human needs. Lesson from safe Sci-Fi futures
Aleksej Nareiko
University of Turku, Finland
Futures education and learning
Time: Thursday 13 June at 10:45–12:30
Room: Goto 32
Chair: Coordinator Sari Söderlund

Foresight activities application in individual educational programs in the open educational space
Marina Aleksandrovna Kudaka, Olga Yurievna Lyaginova, Alyona Leonidovna Smyslova, Elena Gennadjevna Arjukhina & Tatiana Yakubovskaya
Cherepovets State University
Open Foresight-Laboratory “Future-Oriented Education”, Russia, Ukraine

Governance of Higher Education through OECD Future Scenarios
Johanna Kallo & Suvi Jokila, Department of Education, University of Turku, Finland

International interdisciplinary student-teams working together around a desirable Future of Europe
Christanne Heselmans, Linda Hofman, Gie Segers & Raf Excelmans
Academy for Creative Industries, Fontys University of Applied Science, The Netherlands
Karel De Grote University College, Belgium

Building an ongoing and collaborative environmental monitoring process for UAS
Minna Koskelo, Anu Nousiainen & Susanna Kivelä
Futures Fit, Finland
Laurea University of Applied Sciences, Finland

Workshop: Utopias to combat futures-by-negation
Time: Thursday 13 June at 10:45–12:30
Room: Goto 33
Facilitators: Mikko Dufva, Hannu-Pekka Ikäheimo, Jenna Lähdemäki-Pekkinen & Pinja Parkkonen
The Innovation Fund Sitra, Finland

In this workshop, the participants will work in groups to imagine, explore and have a constructive futures dialogue about utopias.

Workshop: Role-based game on Bioeconomy and Justice year 2125
Time: Thursday 13 June at 10:45–12:30
Room: Goto 31
Facilitators: Amos Taylor, Sofi Kurki & Noora Vähäkari
Finland Futures Research Centre, University of Turku, Finland
An interactive session of game-based futuring, piloting and evaluating two new futures games.

Registration is required and limited to 24 participants: https://konsta.utu.fi/Default.aspx?tabid=88&tap=7699. Please notify Nick at nabara@utu.fi if you need to cancel your registration and please do so by 1pm of the first day of the conference, Wednesday, 12 June.
Film: WHO MADE YOU? Exploring the uncanny valley
Time: Thursday 13 June at 10:45–12:30
Room: Kino-Sali
Chair: Hanna-Kaisa Aalto

Viewing of WHO MADE YOU? (2019, 54 minutes, Dir. Iiris Härmä) followed by chaired discussion.

Session V at 13:30–15:00

Citizen science, power, responsibility and foresight
Time: Thursday 13 June at 13:30–15:00
Room: Move-Sali
Chair: Adjunct Professor Tuomas Kuhmonen

Navigating the future of food: Insights for bio-governance and transformation from New Zealand and Australia
Amy L. Fletcher
The University of Canterbury, New Zealand

Building foresight capabilities in agricultural scientific institutions of the Southern Cone: Lessons from a learning-by doing-experience
Diego Gauna#, Sebastián Oviedo#, Alejandra Vial#, Marcos Antonio Gomes Pena Júnior#, Silvia Kanadani Campos# & Javier Szostak#
#Instituto Nacional de Tecnología Agropecuaria, Argentina
#Instituto Nacional de Investigaciones Agropecuarias, Uruguay
#Instituto Nacional de Investigaciones Agropecuarias, Chile
#Empresa Brasileira de Pesquisa Agropecuária, Brazil
#Instituto Paraguayo de Tecnología Agraria, Paraguay

The Practice Approach in Practice: What can it teach us about current efforts and future potentials of Civil Society Organizations towards sustainable food consumption?
Vishal Parekh# & Mikael Klintman#
#KTH Royal Institute of Technology, Sweden
#Lund University, Sweden

Futures studies in the empowerment of agency
Time: Thursday 13 June at 13:30–15:00
Room: Logo-Sali 1
Chair: Adjunct Professor Katriina Siivonen

Transformative foresight: Sketches for foresight enhancing agency
Anna Leinonen
School of Business, Aalto University, Finland
Whose futures? Actors in knowledge practices and representations in the work of the Committee for the Future
Marjukka Parkkinen
Finland Futures Research Centre, University of Turku, Finland

Finnish Futures Day as a participatory approach to raise futures awareness and empower agency
Laura Pouru, Otto Tähkäpää & Minna Koskelo
Finland Futures Research Centre, University of Turku, Finland
Tulevaisuuskoulu (School of Future), Finland
Futures Specialists Helsinki, Finland

Developing gender and cultural sensitive career guidance within futures studies
Sari Miettinen
Finland Futures Research Centre, University of Turku, Finland

Advances in methods in futures studies
Time: Thursday 13 June at 13:30–15:00
Room: Goto 32
Chair: Professor Markku Wilenius

Micro entrepreneurs preparing for the future – Process, tools & experiences
Jukka Laitinen & Tarja Meristö
FuturesLab CoFi / Laurea University of Applied Sciences, Finland

Radical firms as agents for change: what does it entail and how can it be implemented?
Iana Nesterova & Orla Kelleher
University of Derby, United Kingdom

Combining the pioneer analysis approach with long-wave theory for anticipating effects of innovation
Sofi Kurki, Sirkka Heinonen & Markku Wilenius
Finland Futures Research Centre, University of Turku, Finland

Firms and innovation. Developing methods for networked foresight – Visioning for radical innovation in industrial networks
Sini Nordberg-Davies & Aino Halinen-Kaila
Turku School of Economics, University of Turku, Finland

The roles of futures studies in the negotiation of values and desired futures
Time: Thursday 13 June at 13:30–15:00
Room: Logi-Sali 2
Chair: Dr Sari Puustinen
What does it take for local actors in Hammarby Sjöstad to cut the consumption-based emissions by half till 2030? A backcasting study on the local climate transition following Carbon Law. 
Örjan Svane\textsuperscript{a}, Petter Olson\textsuperscript{a}, Charlie Gullström\textsuperscript{b} & Jan Markendahl\textsuperscript{c} 
\textsuperscript{a}KTH Strategic Sustainability Studies, Sweden 
\textsuperscript{b}KTH Architecture, Sweden 
\textsuperscript{c}KTH Radio Systems Lab, Sweden

Visions of future sustainable consumption among different stakeholder groups 
Åsa Svenfelt, Noha Baraka Wadha & Annika Carlsson-Kanyama 
KTH Royal Institute of Technology, Sweden

Rethinking transformative agency for the bio-society 
Amos Taylor 
Finland Futures Research Centre, University of Turku, Finland

Special Session: Reprise the results of the digital survey of the Constructing Social Futures conference 
Time: Thursday 13 June at 13:30–15:00 
Room: Teatro-Sali

Facilitators: 
Michael Jackson & Matthew Richardson 
Shaping Tomorrow, United Kingdom

This wrap-up session will reprise the results of the digital survey.
Workshop: Interrupting the fiction of the ‘Risk Monster’, and hope-less futures for children in their families and communities: Action and rich encounters outside of proprietary spaces

Time: Thursday 13 June at 13:30–15:00
Room: Goto 31

Facilitators:
Seth Oliver, Tim Fisher, Anna Gupta, Susannah Patterson & Colum Sanson-Regan

Future matters collective, Cardiff University, United Kingdom
Royal Society of Arts, United Kingdom
Royal Holloway University of London, United Kingdom
Foundation for Professionals in Services for Adolescence, United Kingdom
University Of South Wales, United Kingdom

Participatory workshop exploring risk in relation to child protection social work, incorporating live drawing, drumming and dialogue.

Workshop: Security futures in the urban age - Discussing three scenarios of 2040

Time: Thursday 13 June at 13:30–15:00
Room: Goto 33

Facilitators:
Maria Malho, Kaisa Schmidt-Thome & Christopher Rowley
Demos Helsinki, Finland

This workshop will approach different security environments in 2040 through three possible future scenarios.

Film: WHO MADE YOU? Exploring the uncanny valley

Time: Thursday 13 June at 13:30–15:00
Room: Kino-Sali

Viewing of WHO MADE YOU? (2019, 54 minutes, Dir. Iiris Härmä).