

## WORKSHOP PROGRAMME

Updated 14 May 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

Venue Session	Venue A	Venue B	Venue C	Venue D	Venue E	Venue F	Venue G	Venue H
<b>13:00–13:45</b>	Chaired Poster Session							
<b>13:45–15:30 Session I</b>	New forms of participative democracy and their consequences	Specific social futures (case studies on welfare, human relations, work, lifestyles)	Foresight activities and their effect on sustainability transitions	Combining corporate foresight with corporate social responsibility	Advances in participatory methods in futures studies	The heterogeneity of actors and the many levels of analysis in social futures	Special Session: Linking futures studies, social theories, and methodologies	Workshop: Using critique and utopias as analytic strategies and activism; creating new sustainable futures? - A common sense of responsibility for social change
<b>16:00–17:30 Session II</b>	New forms of participative democracy and their consequences	Citizen science, power, responsibility and foresight	Specific social futures (case studies on welfare, human relations, work, lifestyles)	Foresight activities and their effect on sustainability transitions	Combining corporate foresight with corporate social responsibility	Advances in participatory methods in futures studies	Panel: What are Social Futures? The View from Lancaster	Workshop: Exploring the perspectives of futures – Futures Literacy meets Design Thinking

## CONSTRUCTING SOCIAL FUTURES – Sustainability, Responsibility and Power

12–13 June 2019, Turku, Finland

### DAY 2: Thursday 13 June

Venue Session	Venue A	Venue B	Venue C	Venue D	Venue E	Venue F	Venue G	Venue H
<b>09:00–10:30</b> <b>Session III</b>	New forms of participative democracy and their consequences	Citizen science, power, responsibility and foresight	Advances in participatory methods in futures studies	The heterogeneity of actors and the many levels of analysis in social futures	Workshop: Back to the futures we want: Envisioning and backcasting for sustainable futures	Futures education and learning	Panel: Exploring systemic innovations towards sustainability in community clusters in different countries	Workshop: National Foresight 2020 - Sharing knowledge on networked foresight
<b>10:45–12:30</b> <b>Session IV</b>	New forms of participative democracy and their consequences	Citizen science, power, responsibility and foresight	Futures studies in the empowerment of agency	Advances in participatory methods in futures studies	The roles of futures studies in the negotiation of values and desired futures	Futures education and learning	Workshop: Utopias to combat futures-by-negation	Workshop: Role-based game on Bio-economy and Justice year 2125
<b>13:30–15:00</b> <b>Session V</b>	Citizen science, power, responsibility and foresight	Futures studies in the empowerment of agency	Advances in participatory methods in futures studies	The roles of futures studies in the negotiation of values and desired futures	Special Session with a keynote from Dr. Michael Jackson	Workshop: Interrupting the fiction of the 'risk monster'	Workshop: Security futures in the urban age - Discussing three scenarios of 2040	

## WEDNESDAY 12 JUNE 2019

### Chaired Poster Session at 13:00–13:40

#### **People Powered Future of Food**

Leena Jokinen, Anna Kirveennummi, Leena-Maija Laurén, Riikka Saarimaa and 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

#### **Speaking the future: A Critical futures studies approach to the technologies of learning in post-compulsory education**

Ralph Mercer  
The Open University, United Kingdom

#### **The workplace of the future in the mirror of Industry 5.0.**

Krisztina Némethy<sup>a</sup> & József Gáti<sup>b</sup>  
<sup>a</sup>University Research and Innovation Center, Óbuda University, Hungary  
<sup>b</sup>Óbuda University, Hungary

#### **Proteins of the future. Project: PROTEIN2FOOD – Pioneering crops for future generations**

Ritva Repo-Carrasco-V.  
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:

Chair:

**From fortune tellers to designers: What happened to our social futures?**

Paola Pierrì

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

**Future imaginaries of bioeconomy actors in three technological contexts**

Nicolas A. Balcom Raleigh, Amos T. Taylor & Sofi Kurki

Finland Futures Research Centre, Turku School of Economics - University of Turku, Finland

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

Time: Wednesday 12 June at 13:45–15:00

Room:

Chair:

**Labour market 2035: future scenarios for Estonia**

Johanna Vallistu

Foresight Centre at the Parliament of Estonia, Estonia

**Findings from a Futures Barometer for 2000 Finnish People**

Mikko Dufva & Jenna Lähdemäki-Pekkinen

Finnish Innovation Fund Sitra, Finland

**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

**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 13:45–15:00

Room:

Chair:

**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 Toivonen<sup>a</sup>, Anahita Rashidfarokhi<sup>a</sup> & Riikka Kyrö<sup>b</sup>

<sup>a</sup>Aalto University, Finland

<sup>b</sup>Lund University, Sweden

**Combining corporate foresight with corporate social responsibility**

Time: Wednesday 12 June at 13:45–15:00

Room:

Chair:

**Corporate social responsibility: A futures driver of self-development in Solapur district**

Ramesh Gadhawe

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 Mäkelä<sup>a</sup>, Katariina Heikkilä<sup>a</sup>, Leena Jokinen<sup>a</sup>, Jouni Saarni<sup>b</sup>, Oana Apostol<sup>c</sup> & Helka Kalliomäki<sup>b</sup>

<sup>a</sup>Finland Futures Research Centre, University of Turku, Finland

<sup>b</sup>Centre for Collaborative Research, University of Turku, Finland

<sup>c</sup>Accounting and Finance, University of Turku, Finland

**Advances in participatory methods in futures studies**

Time: Wednesday 12 June at 13:45–15:00

Room:

Chair:

**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

**Futures consciousness among 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 13:45–15:00

Room:

Chair:

**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 Kuusi<sup>a</sup> & Maria Höyssä<sup>b</sup>

<sup>a</sup>Aalto University and University of Turku, Finland

<sup>b</sup>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

**CONSTRUCTING SOCIAL FUTURES – Sustainability, Responsibility and Power**  
**12–13 June 2019, Turku, Finland**

**Special Session: Linking futures studies, social theories, and methodologies**

Time: Wednesday 12 June at 13:45–15:30

Room:

Chair: Dr. 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

**WS: 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:

Facilitators:

Mette Bladt, University College Copenhagen, Denmark

Frederik Aagaard Hagemann, SLU Alnarp, Sweden

Janne Gleerup and Jonas Egmos, Roskilde University, Denmark

Signe Hvid Thingstrup, Mia Husted and Ditte Tofteng, University College Copenhagen, Denmark

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**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:

Chair:

**Governance scenarios for nation states: Options and context**

Meelis Kitsing<sup>a</sup> & Erik Terk<sup>b</sup>

<sup>a</sup>Foresight Centre at Estonian Parliament, Estonia

<sup>b</sup>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

**Sense-making and lens-shaping: Identifying citizen contributions to foresight through comparative topic modelling**

Aaron Rosa<sup>a</sup>, Niklas Gudowsky<sup>b</sup> & Petteri Repo<sup>c</sup>

<sup>a</sup>Fraunhofer Institute for Systems and Innovation Research ISI, Germany

<sup>b</sup>ÖAW · Institute of Technology Assessment, Austrian Academy of Sciences, Austria

<sup>c</sup>Centre for Consumer Society Research, Faculty of Social Sciences, University of Helsinki, Finland

**Citizen science, power, responsibility and foresight**

Time: Wednesday 12 June at 16:00–17:30

Room:

Chair:

**The future of the Arctic in postnormal times**

Alexandra Middleton  
Oulu Business School, University of Oulu, Finland

**“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

**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:

Chair:

**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<sup>a</sup>, Riikka Räisänen<sup>a</sup> & Ana Nuutinen<sup>b</sup>

<sup>a</sup>University of Helsinki, Finland

<sup>b</sup>University 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:

Chair:

**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:

Chair:

**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<sup>a</sup> & Candice C. Chow<sup>b</sup>

<sup>a</sup>Huron College University, University of Western Ontario, Canada

<sup>b</sup>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 participatory methods in futures studies**

Time: Wednesday 12 June at 16:00–17:30

Room:

Chair:

**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:

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

**WS: Exploring the perspectives of futures – Futures Literacy meets Design Thinking**

Time: Wednesday 12 June at 16:00–17:30

Room:

Facilitator: Stefanie Ollenburg

**The methodology of the identification and the evaluation of key competences of future-oriented entrepreneurs in the beFORE project**

Anna Kononiuk<sup>a</sup>, Alicja Gudanowska<sup>a</sup>, Andrzej Magruk<sup>a</sup>, Anna Sacio-Szymańska<sup>b</sup>, Stefanie Ollenburg<sup>c</sup> & Leonello Trivelli<sup>d</sup>

<sup>a</sup>Białystok University of Technology, Poland

<sup>b</sup>Institute for Sustainable Technologies-National Research Institute, Poland

<sup>c</sup>Freie Universitaet Berlin, Institut Futur, Germany

<sup>d</sup>University of Pisa, Italy

**The road to prototyping an online course in futures literacy for students, academics and entrepreneurs**

Anna Sacio-Szymanska<sup>a</sup>, Anna Pajak<sup>a</sup>, Anna Kononiuk<sup>b</sup>, Anna Gudanowska<sup>b</sup>, Stefanie Ollenburg<sup>c</sup>, Leonello Trivelli<sup>d</sup>, Gualtiero Fantoni<sup>d</sup>, Oihana Hernaez<sup>e</sup> & Ibon Zugasti<sup>e</sup>

<sup>a</sup>Institute for Sustainable Technologies-National Research Institute (ITeE-PIB), Poland

<sup>b</sup>Białystok University of Technology-BUT

<sup>c</sup>Freie Universitaet Berlin, Institut Futur, Germany

<sup>d</sup>University of Pisa, Italy

<sup>e</sup>Prospektiker, Spain

## THURSDAY 13 JUNE 2019

### Session III at 9:00-10:30

#### **New forms of participative democracy and their consequences**

Time: Thursday 13 June at 9:00–10:30

Room:

Chair:

#### **Makers of sustainable society? Critical notes on the responsabilization of youth in the sustainable development and climate change discourse**

Tiina Rättilä<sup>a</sup>, Irmeli Mustalahti<sup>b</sup> & Matti Pihlajamaa<sup>c</sup>

<sup>a</sup>Faculty of Social Sciences, Tampere University, Finland

<sup>b</sup>Institute for Natural Resources, Environment and Society, University of Eastern Finland, Finland

<sup>c</sup>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:

Chair:

#### **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 participatory methods in futures studies**

Time: Thursday 13 June at 9:00–10:30  
Room:  
Chair:

**The agency 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 Lakkala, Marianna B. Ferreira-Aulu, Juha Kaskinen, Ritva Repo-Carrasco Valencia & Kenneth Ochoa  
Finland Futures Research Centre, University of Turku, Finland

**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**

Katariina Heikkilä & Anna Kirveenummi  
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:  
Chair:

**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 forest industry**

Marileena Mäkelä  
Finland Futures Research Centre, University of Turku, Finland

**Futures education and learning**

Time: Thursday 13 June at 9:00–10:30

Room:

Chair:

**About future visions of society and professional responsibility – Future missions from the perspective of teachers**

Doreen Cerny  
Competence Centre »Science«, 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 orientation 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

**WS: Back to the futures we want: Envisioning and backcasting for sustainable futures**

Time: Thursday 13 June at 9:00–10:30

Room:

Facilitators: Sachiko Ishihara & Laila Mendy, Uppsala University, Sweden

**Panel: Exploring systemic innovations towards sustainability in community clusters in different countries**

Time: Thursday 13 June at 9:00–10:30

Room:

Facilitators:

Rabi Narayan Kar, Shyam Lal College, University of Delhi, Delhi, India

Kaisa Sorsa, Turku University of Applied Sciences, Turku, Finland

Kusha Tiwari, Shyam Lal College, University of Delhi, Delhi, India

Keijo Varis, Turku University of Applied Sciences, Turku, Finland

Ari Lindeman, South-Eastern Finland University of Applied Sciences – XAMK, Finland

**WS: National Foresight 2020 - Sharing knowledge on networked foresight**

Time: Thursday 13 June at 9:00–10:30

Room:

Facilitators:

Matti Minkkinen<sup>a</sup>, Burkhard Auffermann<sup>a</sup>, Laura Pouru<sup>a</sup>, Christopher Rowley<sup>b</sup> and Maria Malho<sup>b</sup>

<sup>a</sup> Finland Futures Research Centre, University of Turku, Finland

<sup>b</sup> Demos Helsinki, Finland

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**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:

Chair:

**The transformative power of heritage futures in societies**

Katriina Siivonen

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 historical 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

Cefilni 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:

Chair:

**We are the people? Opinions, hopes and fears of Dutch citizens on future and technology**

Patrick Van der Duin<sup>a</sup>, Paul Lodders<sup>b</sup> & Dhoya Snijders

<sup>a</sup>The Netherlands Study Centre for Technology Trends, The Netherlands

<sup>b</sup>Tilburg University, 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:

Chair:

**Futures communication**

Elizabeth Hofvenschioeld

University of the West of Scotland, United Kingdom

**The affective futures of entrepreneurial journalism. Analysing the images of the future of Finnish entrepreneurial journalists**

Juho Ruotsalainen<sup>a</sup>, Sirkka Heinonen<sup>a</sup>, Jaana Hujanen<sup>b</sup> & Mikko Villi<sup>c</sup>

<sup>a</sup>Finland Futures Research Centre, University of Turku, Finland

<sup>b</sup>University of Helsinki, Finland

<sup>c</sup>University 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:

Chair:

**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:

Chair:

**Foresight activities application in individual educational programs in the open educational space**

Marina Aleksandrovna Kudaka<sup>a</sup>, Olga Yurievna Lyaginova<sup>a</sup>, Alyona Leonidovna Smyslova<sup>a</sup>, Elena Genadjevna Arjukhina<sup>a</sup> & Tatiana Yakubovskaya<sup>b</sup>

<sup>a</sup>Cherepovets State University

<sup>b</sup>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**

Christianne Heselmans<sup>a</sup>, Linda Hofman<sup>a</sup>, Gie Segers<sup>b</sup> & Raf Excelmans<sup>b</sup>

<sup>a</sup>Academy for Creative Industries, Fontys University of Applied Science, The Netherlands

<sup>b</sup>Karel De Grote University College, Belgium

**Building an ongoing and collaborative environmental monitoring process for UAS**

Minna Koskelo<sup>a</sup>, Anu Nousiainen<sup>a</sup> & Susanna Kivelä<sup>b</sup>

<sup>a</sup>Futures Fit, Finland

<sup>b</sup>Laurea University of Applied Sciences, Finland

**WS: Utopias to combat futures-by-negation**

Time: Thursday 13 June at 10:45–12:30

Room:

Facilitators:

Mikko Dufva, Hannu-Pekka Ikäheimo, Jenna Lähdemäki-Pekkinen & Pinja Parkkonen

The Innovation Fund Sitra, Finland

**WS: Role-based game on Bioeconomy and Justice year 2125**

Time: Thursday 13 June at 10:45–12:30

Room:

Facilitator:

Nicolas A. Balcom Raleigh

Finland Futures Research Centre, University of Turku, Finland

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**Session V at 13:30–15:00**

**Citizen science, power, responsibility and foresight**

Time: Thursday 13 June at 13:30–15:00

Room:

Chair:

**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<sup>a</sup>, Sebastián Oviedo<sup>b</sup>, Alejandra Vial<sup>c</sup>, Marcos Antonio Gomes Pena Júnior<sup>d</sup>, Silvia Kanadani Campos<sup>d</sup> & Javier Szostak<sup>e</sup>

<sup>a</sup>Instituto Nacional de Tecnología Agropecuaria, Argentina

<sup>b</sup>Instituto Nacional de Investigaciones Agropecuarias, Uruguay

<sup>c</sup>Instituto Nacional de Investigaciones Agropecuarias, Chile

<sup>d</sup>Empresa Brasileira de Pesquisa Agropecuária, Brazil

<sup>e</sup>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<sup>a</sup> & Mikael Klintman<sup>b</sup>

<sup>a</sup>KTH Royal Institute of Technology, Sweden

<sup>b</sup>Lund University, Sweden

**Futures studies in the empowerment of agency**

Time: Thursday 13 June at 13:30–15:00

Room:

Chair:

**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<sup>a</sup>, Otto Tähtkäpää<sup>b</sup> & Minna Koskelo<sup>c</sup>

<sup>a</sup>Finland Futures Research Centre, University of Turku, Finland

<sup>b</sup>Tulevaisuuskoulu (School of Future), Finland

<sup>c</sup>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 participatory methods in futures studies**

Time: Thursday 13 June at 13:30–15:00

Room:

Chair:

**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:

Chair:

**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<sup>a</sup>, Petter Olson<sup>a</sup>, Charlie Gullström<sup>b</sup> & Jan Markendahl<sup>c</sup>

<sup>a</sup>KTH Strategic Sustainability Studies, Sweden

<sup>b</sup>KTH Architecture, Sweden

<sup>c</sup>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:

Facilitators:

Michael Jackson & Matthew Richardson  
Shaping Tomorrow, United Kingdom

This wrap-up session will reprise the results of the digital survey.

**WS: 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:

Facilitators:

Seth Oliver<sup>a</sup>, Tim Fisher<sup>b</sup>, Anna Gupta<sup>c</sup>, Susannah Patterson<sup>d</sup> & Colum Sanson-Regan<sup>e</sup>

<sup>a</sup>Future matters collective, Cardiff University, United Kingdom

<sup>b</sup>Royal Society of Arts, United Kingdom

<sup>c</sup>Royal Holloway University of London, United Kingdom

<sup>d</sup>Foundation for Professionals in Services for Adolescence, United Kingdom

<sup>e</sup>University Of South Wales, United Kingdom

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

Time: Thursday 13 June at 13:30–15:00

Room:

Facilitators:

Maria Malho & Kaisa Schmidt-Thome

Demos Helsinki, Finland

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