Strategic research programs biennial conference: "Bridging societal and environmental fractures: creating futures"
23.-24.9.2026 | Tampere University, Main building, Kalevantie 4

DAY 1 - Wednesday 23.9.2026

10:00-10.30	**Welcome and opening, Vice-rector Jarmo Takala**							10:00-10.30
10:30-12:00	**Keynote: Prof. Lasse Peltonen, UEF, plenary**							10:30-12:00
12:00-13:00	**Lunch**	**Lunch**	**Lunch**	**Lunch**	**Lunch**	**Lunch**	**Lunch**	12:00-13:00
Track Room Chair	**1. The Automated (post-) truth futures** Karoliina Snell & Jarmo Viteli - karoliina.snell@helsinki.fi, jarmo.viteli@tuni.fi	**2. Precarious democracies and polarization** Heidi Härkönen heidi.harkonen@helsinki.fi	**3. Security, trust, and resilience: building sustainable societies** Juha Peltomaa & Olli-Pekka Ruuskanen - juha.peltomaa@syke.fi, olli-pekka.ruuskanen@ptt.fi	**4a. Environmental and social sustainability transitions** Meri Kallasvuo & Juha Hiedanpää - meri.kallasvuo@luke.fi, juha.hiedanpaa@luke.fi	**5. Economic basis for the future: innovation, work, and expertise** Ville-Pekka Sorsa & Mika Niemine ville-pekka.sorsa@helsinki.fi, mika.nieminen@.fi	**6. Future generations, individuals and agency** Marjo Kurki & Susan Kuivalainen marjo.kurki@itla.fi, susan.kuivalainen@etk.fi	**7. Learning for futures** Paula Schönach paula.schonach@aalto.fi	Track Room Chair
13:00-13:20	Wanying Yan & Markku Sippola: Language as organizing practice: Activating diversity through inclusive skill regimes in Finnish ICT organizations	Mikko Värttö, Kim Backström, Kimmo Grönlund, Kaisa Herne, Harri Jalonen, Kaisa Kurkela, Marina Lindell & Jari Mäkeläinen: The influence of information and deliberation on opinion formation and learning: An experiment in a local deliberative mini-public	Laura Uimonen, Sinkkonen Aki, Roslund Marja, Rajaniemi Juho & Laitinen Olli: Promoting Health and Biodiversity in Residential Yards: Bridging Microbiology and Urban Planning	Tuulia Puustinen, Rauno Sairinen & Samu Salonen: Land governance of emerging utility-scale solar energy production	Pauliina, Rikala, Pessi Lyyra, Antti Vuorinainen & Raija Hämäläinen: Rethinking skill gaps in AI-mediated work	Reetta Mietola & Pekka Koskinen: Absent Citizens? Persons with intellectual disabilities as agents of change.	Sirpa Kärkkäinen, Jari Kukkonen, Teija Koskela, Mirjamaija Mikkilä-Erdmann & Sari Havu-Nuutinen: Understanding Biodiversity Loss in Teacher Education as Part of Ecological and Societal Resilience.	13:00-13:20
13:20-13:40	Maria Mogylnyk & Judith Helmer, Valtteri Kaartemo: Cognitive Biases in Market Shaping: Potential of AI to improve decision-making by eliminating biases	Maarika Kujanen, Henrik Serup Christensen & Inga Saikkonen: Public support for executive power grabs in crisis situations: a vignette experiment	Anu Veijalainen, Matti Salo, Juulia Räikkönen, Henna Rouhiainen & Ilari E. Sääksjärvi: Bridging biodiversity and regenerative development: Reflections on the Archipelago Sea area	Yoon Han & Outi Tahvonen: Toward Carbon-Smart Urban Gardens	Arash Hajikhani & Arho Suominen: Reviewing Indicator Methodologies for AI Exposure and Skills: Toward a Dynamic Framework for Future Labour Market Demand	Sanna Ketonen-Oksi & Harri Ruoslahti: Resilience 2.0: Thriving in Uncertainty.	Joonas Mannonen, Kari Nissinen, Raija Hämäläinen & Bram De Wever: Identifying typical formal, non-formal, and informal learning trajectories of skilled and low-skilled adults in Finland based on PIAAC data	13:20-13:40
13:40-14:00	Maarit Koponen & Rui Sousa-Silva: Debunking disinformation-based translingual migration narratives	Sahib Singh: Governing with Citizens in Fractured Times: Toward Strategic, Systemic and Embedded Democratic Innovations in Europe	Jenni Leppiniemi, Damiano Cerrano, Dafne Jacome Sanz, Aku Korhonen, Laura Kummola, Olli H. Laitinen, Anna Luukkonen, Ann Ojala, Juho Rajaniemi, Marja I. Roslund, Sofia Rönnqvist & Aki Sinkkonen: Vahvistu-study: Nationwide Research on the Rewilding of Kindergarten Yards - Linking Biodiversity Exposure to Children's Health and Wellbeing	Jenni Miettinen, Niina Kotamäki, Maiju Narikka, Liisa Saikkonen, Anna-Kaisa Ronkanen & Kari Hyytiäinen: Cost-effectiveness of water protection measures	Jussi Jylkkä: Metacognition in Human-AI Interaction: Identifying Beneficial and Harmful Cognitive Patterns to Support Adaptive AI Use	Erika Styf: Knowing Society, Acting in Society: Multilingual Civic Orientation for Immigrants in Finland	Kirsi Hakio, Essi Huotari & Marko Keskinen: Laws in a Nested Nature: Breaking Silos between Sustainability Transformation and Legal System Logics through Education	13:40-14:00
14:00-14:20	Kari Söderqvist & Pöyhtäri, Reeta & Nikunen, Kaarina & Vigren, Minna: Reimagining socially sustainable digital platforms: Outlines for Neo-disruption	Lucas de Melo, Tuuli Tahtinen, Janne Tukiainen & Juho Vesa: Business-Connected Politicians and Municipal Fiscal Policy: Evidence from Close Elections in Finland	Zahra Hosseini & Aaro Tupasela: Building trust in accessing public services – User experiences in Inclusive Design and Development	Kateryna Yuhai, Kari Hyytiäinen & Matti Hyyrynen: Securing Water for a Warming North	Johanna Leväsluoto, Mika Nieminen, Laua Wiman & Peter Ylen: AI and integrated care pathways: From task level optimization to pathway level integration	Rauni Äärelä-Vihriälä & Pigga Keskitalo: Learning Across Generations for Just Arctic Transitions.	Katarzyna Kärkkäinen: Adult Migrant Students' Pathways to Finnish Labour Market: Students' Experiences of Learning at Workplaces	14:00-14:20
14:20-14:40			Iolanda Ialongo: Satellite monitoring of atmospheric pollution for security and critical infrastructure			Sirpa Kortelainen: Young School Gardeners' Narrative for Transformation.		14:20-14:40
14:40-15:30	**Coffee**	**Coffee**	**Coffee**	**Coffee**	**Coffee**	**Coffee**	**Coffee**	14:40-15:30
Track Room Chair	**1. The Automated (post-) truth futures** Karoliina Snell & Jarmo Viteli - karoliina.snell@helsinki.fi, jarmo.viteli@tuni.fi	**2. Precarious democracies polarization** Heidi Härkönen heidi.harkonen@helsinki.fi	**3. Security, trust, and resilience: building sustainable societies** Juha Peltomaa & Olli-Pekka Ruuskanen - juha.peltomaa@syke.fi, olli-pekka.ruuskanen@ptt.fi	**4a. Environmental and social sustainability transitions** Meri Kallasvuo & Juha Hiedanpää - meri.kallasvuo@luke.fi, juha.hiedanpaa@luke.fi	**5a. Economic basis for the future: innovation, work, and expertise** Ville-Pekka Sorsa ville-pekka.sorsa@helsinki.fi	**6. Future generations, individuals and agency** Marjo Kurki & Susan Kuivalainen marjo.kurki@itla.fi, susan.kuivalainen@etk.fi	**5b. Economic basis for the future: innovation, work, and expertise** Mika Nieminen mika.nieminen@.fi	Track Room Chair
15:30-15:50	Juha Vesala & Riina Jokiniemi, Sini Mickelsson: Access to client data by AI tools in social and health care: do current human-premised rules produce truth for professionals to rely on?	Kaisa Torkkeli & Leena Kaakinen: Dialogic science communication for enhancing democracy and trust	Anna Claydon & Pami Aalto: Small modular nuclear reactors in an uncertain world	Panu Halme: Building Nature Credit Market in Finland	Juha Koivisto, Eeva Liukko, Satu Majlander & Sara Launio: Productivity of Integrated Care: What Is It and How Can It Be Studied?	Henriikka Vartiainen, Juho Kahila, Nicolas Pope, Matti Tedre: Cultivating Transformative Agency through the Co-Design of AI Education: Insights from a Longitudinal Study.	Aki Koponen: Beyond Moonshots: A Theoretical Framework for Assessing the Limits of Mission-Oriented Innovation through Ecological Rationality	15:30-15:50
15:50-16:10	Maarja Tuovinen: Secondary use of health data from the public's perspective	Riikka Taavetti & Outi Lepola: Speaker positions of non-heterosexual parliamentarians in the Finnish parliament	Sami Repo & Nida Riaz: May the solar power enhance the reliability of electric power system?	Johanna Tuomisaari, Joel Jalkanen, Panu Halme, Suvi Huttunen, Heini Kujala, Liisa Varumo & Heidi Lehtiniemi: Strategic biodiversity offsetting	Mika Kortelainen, Tapio Haaga, Oskari Nokso-Koivisto, Tanja Saxell, Meeri Seppä & Lauri Sääksvuori: The Effects of Digital Primary Care: Evidence from a Large-Scale Randomized Controlled Trial	Antti Koskinen: Constitutional AI Ethics Education: Cultivating Democratic Agency for AGI-Enabled Futures.	Elmi et al Collective Bargaining in Platform Taxi Work: Prospects, Barriers, and Diverging Pathways in Helsinki and Tallinn	15:50-16:10
16:10-16:30	Sarah Tornberg & Nathan Lillie: Digitalizing elderly care - Workers' perceptions and expectations regarding new digital technologies	Harri Jalonen & Aino Rantamäki: Comprehensive security as a policy idea – A frame analysis of plenary session speeches in the Finnish Parliament	Antonio Calò: Resilient infrastructures through integration: SMRs, datacenters, and hydrogen in the energy–digital nexus	Christopher Raymond, Jonathan Carruthers-Jones, John Allen, Margarita Kondakova & Satu Aavanranta: Immersive environments for multispecies justice	Inka Koskela, Eveliina Saari, Anna-Leena Kurki, Risto Nikunlaakso & Jaana Laitinen: Employee-Driven Initiatives to Improve Well-Being and Working Conditions in Care Work	Meri T. Mäkinen, Carita Kiili, Kristian Kiili, Elina Hämäläinen & Manuel Ninaus: Enhancing Adolescents' Source Evaluation Skills Through Adaptive Feedback.	Helka, Kalliomäki, Governing Across Systems: Mission-Oriented Metagovernance in an Era of New Space Economy	16:10-16:30
16:30-16:50	Annu Laurikka & Meeri Seppä, Lauri Sääksvuori, Mika Kortelainen: Expert Patients' Use of Remote Health Care: How access to medical expertise shapes remote healthcare use?	Reeta Pöyhtäri, Katja Lehtisaari & Minna Horowitz: Information Integrity in Finland: A Research Review	Mika Saajasto, Muwahida Liaquat, Zahidul Bhuiyan, Sanna Kaasalainen & Toni Hammarberg: Increasing Societal Resilience Against GNSS Disruptions	Juho Rajaniemi, Valtteri Aaltonen, Erik Andersson, Kari Jalonen, Pauliina Rautio & Maria Saari: The multispecies right to the city	Quivine Ndomo, Ilona Bontenbal, Sangeeth Sugathan, Sarah Tornberg, Nathan Lillie & Yanick Lahti: Digital Disruption and Labour Precarity: Migrant care workers in Finland's transforming care sector	Ella Suortti, Sari Havu-Nuutinen & Sirpa Kärkkäinen: Accumulation of Science Capital at Home and at School: Findings from the FINSCI Project.	Mika, Raunio & Nadja Nordling, The Transformative Agency of Regional Business Ecosystems in Shaping the National Immigration System for Skills	16:30-16:50
16:50-17:10					Eveliina Saari, Vilja Levonius, Sakari Taipale, Jaana Leikas & Arja Halkoaho: Care Work of Tomorrow - Innovation Competition Bridging Bottom-up and Top-down Innovation Dynamics to Alleviate Care Crisis in Finland	Essi Ryymin, Viivi Virtanen & Outi Tahvonen: From Interdisciplinary Knowledge to Educational Agency: Co-Creating New Pathways for Integrating Frontier Sustainability Research into Higher Education.	Antti, Norkio, Access to Credit and Intangible Investments: Evidence from Finnish SMEs	16:50-17:10
19:00	**Conference dinner: Ravintola Koski, Kirkkokatu 10**		**Conference dinner: Ravintola Koski, Kirkkokatu 10**		**Conference dinner: Ravintola Koski, Kirkkokatu 10**			19:00

DAY 2 - Thursday 24.9.2026

Track Room Chair	**1. The Automated (post-) truth futures** Karoliina Snell & Jarmo Viteli karoliina.snell@helsinki.fi, jarmo.viteli@tuni.fi	**2. Precarious democracies and polarization** Heidi Härkönen heidi.harkonen@helsinki.fi	**3. Security, trust, and resilience: building sustainable societies** Juha Peltomaa & Olli-Pekka Ruuskanen juha.peltomaa@syke.fi, olli-pekka.ruuskanen@ptt.fi	**4a. Environmental and social sustainability transitions** Juha Hiedanpää juha.hiedanpaa@luke.fi	**5. Economic basis for the future: innovation, work, and expertise** Ville-Pekka Sorsa & Mika Nieminen ville-pekka.sorsa@helsinki.fi, mika.nieminen@.fi	**6. Future generations, individuals and agency** Marjo Kurki & Susan Kuivalainen marjo.kurki@itla.fi, susan.kuivalainen@etk.fi	**4b. Environmental and social sustainability transitions** Meri Kallasvuo meri.kallasvuo@luke.fi	Track Room Chair
9:00-9:20	Nina Wessberg & Anton Sigfrids, Antero Karvonen, Jaana Leikas: Future of democracy in AI era	Anton Sigfrids, Sorin Dan & Ines Mergel: How can citizens help shape the rules governing public-sector large language models? A framework for co-producing constitutional AI	Heidi Kuusniemi & Ia Hyttinen: Driving Sustainable Growth and Resilience through Space-Based Data: Securing Critical Infrastructure and Societal Value	Jaakko Taipale, Antti Silvast & Lotta Hautamäki: The epistemic modalities of modelling failure	Laura Salonen: The impact of partial disability pension on the length of working career and lost working years	Juuso Tarkka: (Un)learning privilege and gaining agency as planetary climate citizens: introducing methods and materials of arts-based climate change education.	Matias Sivonen: The Reflexive Performativity of 'Favourable Conservation Status' in Saimaa Ringed Seal Conservation	9:00-9:20
9:20-9:40	Kimmo Elo & Jenni Karimäki: How to detect changes in political debates? A data-intensive, computational approach to debates on "civil rights" and "rule of law" in Eduskunta	Zea Szebeni, Ali Salloum, Mikko Kivelä, Inga Jasinskaja-Lahti, Erjon Skenderi, Liinu Yli-Hongisto & Mervi Pantti: Bridging polarization bubbles? A mixed-methods analysis of climate discourse on Twitter	Eva Heiskanen & Tuija Kajoskoski: Engaging 'unlikely' participants in hands-on climate action to develop more inclusive and resilient climate policy?	Tomi Lehtimäki, Lotta Hautamäki, Helmi Huovila, Sampsa Hyysalo, Kamilla Karhunmaa, Katriina Kenttämies, Satu Lähteenoja & Joanna Saad-Sulonen: Mapping engagements with energy and climate in Finland	Vivi Mauno, Alex Kivimäki & Alexandra Dahlberg: Health care personnel's productivity in public digital clinic visits increases with experience	Meri Kulmala & Liinu Vento, Riikka Taavetti: Co-researching barriers to democratic participation with queer youth	Nora Fagerholm, Hällfors, Aishwarya, Christie, Heikkinen, Heiskanen, Jaalama, Kahilainen, Khoirunisa, Krohn, Määttänen, Sobhani, Vainio & Lechner: Integrating ecological connectivity and spatial patterns of social values	9:20-9:40
9:40-10:00	Mia Salo: Feeling of Rightness	Sampsa Hyysalo & Sonja Nielsen: Co-production trajectories: Rethinking impact formation in interdisciplinary knowledge co-production	Antonio Calò, Rudolf Reiman & Eva Pongrácz: Hydrogen Narratives and the Politics of Trust: Regional Discourses and Resilience in Finland's Energy Transition	Minna Pappila, Emmi Vähä, Heidi Lehtiniemi, Kari Oinonen & Mia Landauer: Participatory rights in green transition	Svetlana Solovieva, Laura Salonen, Elli Hartikainen & Taina Leinonen: Trends in healthy working life expectancy and working years lost in Finland from 2011 to 2024	Tiia-Mari Tervaharju: Cultivating Planetary Citizenship with Utopian Methodology in Early Childhood Education.	Charles Der Boghossian: The environmental potential of residential demand side management	9:40-10:00
10:00-10:20	Marja Matinmikko-Blue & Karin Väyrynen, Susanne Uusitalo: Foresight on alternative futures for AI	Miia Toikka & Jari Autioniemi: The role of civil service ethics in shaping the sustainability agency of civil servants	Johanna Ylipulli, Uttishta Sreerama Varanasi, Nils Ehrenberg & Rūta Šerpytytė: Care Infrastructures as Means of Reimagining Public Service in the Age of Digital and Algorithmic Efficiency	Aki Koponen & Pilvi Posio: Why Nudges Fail to Scale: Ecological Rationality and the Governance of Sustainability Transitions	Markku Sippola & Hertta Vuorenmaa: DEI as a skill: A multi-level approach to inclusive and productive working life	Satu Korhonen, Katri Vataja & Anni Kyösti: Future of agency and participation: a combination of participatory process and research	Kari Jalonen, Valtteri Aaltonen, Erik Andersson, Pauliina Rautio & Maria Helena Saari: Transformation through Incremental Change?	10:00-10:20
10:20-10:40				Paula Saikkonen & Marta Choroszewicz: Sustainable digitalisation of welfare systems: mission impossible?				10:20-10:40
11:00-12:15	**Keynote: Adj. prof. Meri Kulmala: Many Voices, Better Knowledge? Power, Participation, and Knowledge Democracy in Research.** **Comment: professor Mikael Fogelholm**							11:00-12:15
12:15-13:00	**Lunch**	**Lunch**	**Lunch**	**Lunch**	**Lunch**	**Lunch**	**Lunch**	12:15-13:00
Track Room Chair	**1. The Automated (post-) truth futures** Karoliina Snell & Jarmo Viteli karoliina.snell@helsinki.fi, jarmo.viteli@tuni.fi	**3. Security, trust, and resilience: building sustainable societies** Juha Peltomaa & Olli-Pekka Ruuskanen juha.peltomaa@syke.fi, olli-pekka.ruuskanen@ptt.fi	**4a. Environmental and social sustainability transitions** Juha Hiedanpää juha.hiedanpaa@luke.fi	**5. Economic basis for the future: innovation, work, and expertise** Ville-Pekka Sorsa & Mika Nieminen ville-pekka.sorsa@helsinki.fi, mika.nieminen@.fi	**6. Future generations, individuals and agency** Marjo Kurki & Susan Kuivalainen marjo.kurki@itla.fi, susan.kuivalainen@etk.fi	**4b. Environmental and social sustainability transitions** Meri Kallasvuo meri.kallasvuo@luke.fi	**7. Participation and agency** Paula Schönach paula.schonach@aalto.fi	Track Room Chair
13:00-13:20	Sanna Lehtinen: Aesthetic Attention as a Metacognitive Factor in Human-AI Relations	Mourad Oussalah & Vishal Kumar: Bridging Policy Gaps in Water Crisis Governance: A Stakeholder-Centric Comparative Analysis Using AI-Driven Social Sensing	Nathan Lillie: Capital, Labour and the Green Transition	Shahnaj Begum & Markku Sippola: Immigrant Caregivers and Inclusive Work Practices in Finnish Elderly care Services	Hanne Lamberg: The association between low socioeconomic position and household dysfunction in Finnish birth cohorts 1987-2011	Yue Fu& Xavier Irz: Do Water Endowments Shape Trade in Agri-Food Virtual Water?	Helmi Heinonen, Riikka Lämsä, Marjo Kurki, Jonna Lehikoinen & Petra Kouvonen: Fostering participatory implementation training practices – preliminary views on opportunities and obstacles in the co-creation process	13:00-13:20
13:20-13:40	Antti Koskinen: AI Can Be Wrong, But It Cannot Bear Being Wrong: The Moral Weight Paradox of Automated Judgment	Päivi Meriläinen & Ilkka T. Miettinen: Safe Water for All – Tackling the Emerging Challenges to Drinking Water Security	Ilona Bontenbal & Quivine NdomoSocial Acceptability of Managed Realignment	Elli Hartikainen, Annina Ropponen, Laura Salonen, Svetlana Solovieva & Taina Leinonen: Part-time work and work participation in late careers	Taina Leinonen, Laura Salonen, Elli Hartikainen & Svetlana Solovieva: Trends in precarious employment in Finland by sociodemographic and work-related factors	Anna Härri & Minna Halme: Regeneration within limits	Tuominen Contradictions of Agency and Participation at the Suburban Fringes of Helsinki: An Ethnographic Study of Affective Geography and Sense of Belonging	13:20-13:40
13:40-14:00	Sini Davies & Kati Sormunen & Kaiju Kangas: Delegating, Playing, Integrating: Trajectories of Instrumental Genesis and Epistemic Work in Upper Elementary Students' Generative-AI-Supported Design	Laura Tuomi, Veera Haapaniemi, Andrew Twelves, Aleksi Nummelin, Elina Miettunen, Antti Westerlund, Raisa Turja, Jani Häkkinen & Leena Kalliovirta: Strengthening preparedness to respond to and mitigate marine environmental accidents	Outi Behm, Dominik Siemon, Simon Schafheitle & Kirsimarja Blomqvist: Emotions and stakeholder distrust in green transition investments	Nadja Nordling & Mika Raunio: Transformation Failures and Dynamic Capabilities: Illustrating Immigration System Responses to Demographic Grand Challenges	Jawaria Khan, Katarzyna Kärkkäinen, Sonya Sahradyan, Taina Saarinen, Golaleh Makrooni: Migrant Students' Transitions from Vocational and Higher Education to (Un/Under) Employment in Europe: A Meta-Synthesis of Constraints, Opportunities and Conditions	Himansu Sekhar Mishra, Juho Rajaniemi & Laura Uimonen: Designing Biodiverse Urban Interventions	Sampsa Hyysalo & Sonja Nielsen: Information receivers or change makers? Citizen representations in co-created energy transition pathways	13:40-14:00
14:00-14:20	Mahsa Khorasani & Mashrura Musharraf, Mojtaba Barzehkar: Spatial and Temporal Patterns of Maritime Accident Causes and Sustainability Impacts in the Baltic Sea	Amy Fallon, Suvi-Tuuli Puharinen, Vili Virkki, Anisa Doty, Bruce Lankford, Naho Mirumachi, Maria Ojanen, Miina Porkka, Antto Vihma, Suvi Sojamo & Marko Keskinen: Whose water security? Governing interconnected social–hydrological systems in an era of fragmentation and risk	Seona Candy, Satu Lahteenoja, Salla Kassi & Aleksi Neuvonen: Sufficiency Across the Divide	Hannu Piekkola: Job Mobility, Intangible Capital, and Value Creation: Evidence from Kvarken bridge area		Aurora Kortelainen: Ecosocial Nature-Based Solutions in Post-Industrial Suburban Renewal	Anna-Leena Kurki, Heidi Peltolehto, Inka Koskela, Arja Halkoaho & Eveliina Saari: Citizen-driven Innovations – a Means to Rethink Health and Social Care	14:00-14:20
14:30-15:00	**Closure of the conference**	**Closure of the conference**	**Closure of the conference**	**Closure of the conference**	**Closure of the conference**	**Closure of the conference**	**Closure of the conference**	14:30-15:00
15:00-15:30	**Coffee**	**Coffee**	**Coffee**	**Coffee**	**Coffee**	**Coffee**	**Coffee**	15:00-15:30