

**Complete programme of the conference**  
***Quantitative methods in the digital turn: Promises and pitfalls***  
**June 2-4, 2025, Lappeenranta, Finland & online**

**MONDAY, JUNE 02, 2025**

8:30-9:00 **WELCOME COFFEE**  
Room 1247

9:00-11:00 **WORKSHOPS 1: COMPUTATIONAL THINKING AND**  
Room 1245 **SOCIAL SCIENCES: A CRASH COURSE**  
*Chair: Matti Nelimarkka (University of Helsinki & Aalto University, Finland)*  
*Technical chair: Petteri Kolmonen (LUT University, Finland)*

9:00-11:00 **WORKSHOP 2: LLMS FOR SOCIAL SCIENCE RESEARCH:**  
Room 1247 **CURRENT AND FUTURE DIRECTIONS**  
*Chair: Maud Reveilhac (LUT University, Finland)*  
*Technical chair: Zhen Im (LUT University, Finland)*

11:00-12:00 **UNIVERSITY TOUR**  
Start: Room 1247 *Chairs: Nisha Yadav (LUT University, Finland), Nabaraj Adhikari (LUT University, Finland), Visa Rantanen (LUT University, Finland)*

13:00-14:00 **WELCOME RECEPTION**  
Piano room (by library) *Chairs: Kathrin Komp-Leukkunen (LUT University, Finland), Matti Kojo (LUT University, Finland)*

14:00-15:15 **KEYNOTE SPEECHES 1: SURVEY DATA VS. BIG DATA IN**  
Room 1318 **AGEING RESEARCH**  
*Chair: Zhen Im (LUT University, Finland)*  
*Technical chair: Maud Reveilhac (LUT University, Finland)*  
*Speakers: Jolanta Perek-Bialas (Jagiellonian University, Poland), Aart-Jan Riekhoff (Finnish Center for Pensions, Finland)*

15:30-17:00 **SESSION 1: AI IN SURVEYS**  
Room 1247 *Chair: Matti Nelimarkka (University of Helsinki & Aalto University, Finland)*  
*Technical chair: Visa Rantanen (LUT University, Finland)*  
**Generative AI as a Tool for Quantitative Methods Training: From Dataset Simulation to Computational Analysis**  
*Laura Arosio (University of Milano Bicocca, Italy)*  
**Harnessing AI for Coding Open-Ended Survey Responses: A Comparative Analysis of Manual, Semi-Automatic, Machine Learning, and Generative AI Approaches**  
*Cristina Calvo-López (University of Valladolid, Spain), Emilio Portela (University of Salamanca, Spain), Luis E. Andrade Silva (University of Salamanca, Spain)*  
**Data quality in an AI-generated social survey**

*Kathrin Komp-Leukkunen (LUT University, Finland), Maria Teresa Ballestar de las Heras (University Rey Juan Carlos, Spain)*

**Cultural Blind Spots in Generative AI: A Cross-National Evaluation of LLMs in Survey Research**

*Macarena Estevez (Universidad Rey Juan Carlos, Spain), María Teresa Ballestar (Universidad Rey Juan Carlos, Spain & LUT University, Finland), Kathrin Komp-Leukkunen (LUT University, Finland), Jorge Sainz (Universidad Rey Juan Carlos, Spain & IPR & University of Bath, UK)*

**Does AI Take Sides? Investigating Political Leanings in LLM-Generated Samples**

*Zsófia Rakovics (ELTE Eötvös Loránd University, Hungary), Renáta Németh (ELTE Eötvös Loránd University, Hungary)*

15:30-17:00 **SESSION 2: SURVEY EXPERIMENTS**

Room 1245 *Chair: Nina Savela (LUT University, Finland)*

*Technical chair: Nabaraj Adhikari (LUT University, Finland)*

**Vignette, Role-playing & Visual Experiments: Studies on Identification with Robots**

*Nina Savela (LUT University, Finland), Reetta Oksa (LUT University, Finland & Tampere University, Finland), Eero Rantala (LUT University, Finland)*

**Design of Vignette Experiments: A Case of Psychosocial Factors in Virtual Teams**

*Reetta Oksa (LUT University, Finland & Tampere University, Finland), Eero Rantala (LUT University, Finland), Nina Savela (LUT University, Finland)*

**Analysis and Methodological Issues in Experiments: A Case Study on Virtual Teams**

*Eero Rantala (LUT University, Finland), Reetta Oksa (LUT University, Finland & Tampere University, Finland), Nina Savela (LUT University, Finland)*

**AI-based visual stimuli as a promising measurement tool in surveys? Insights from a survey experiment**

*Knut Petzold (Zittau/Goerlitz University of Applied Sciences, Germany), Markus Kreuzberger (University of Salzburg, Austria), Katharina Stiebler (University of Salzburg, Austria), Bernhard Reicher (University of Salzburg, Austria)*

**Big Dilemmas, Little Time: Intergenerational climate justice and public support for deep decarbonization**

*Manuele Citi (Copenhagen Business School, Denmark), Zhen Im (LUT University, Finland)*

**The Impact of Gender-Inclusive Language on Response Behavior Evidence from a survey experiment on authoritarian attitudes in Austria**

*Wolfgang Aschauer (University of Salzburg, Austria), Knut Petzold (Zittau/Goerlitz University of Applied Sciences, Germany), Markus Kreuzberger (University of Salzburg, Austria)*

15:30-17:00 **SESSION 3: SOCIAL AND ECONOMIC CHANGE**

Room 1345 *Chair: Christopher Etter (University of Salzburg, Austria)*

*Technical chair: Petteri Kolmonen (LUT University, Finland)*

**The Impact of Export Activity on The Gender Wage Gap in Spain**

*Lidia de Castro Romero (Universidad Rey Juan Carlos, Spain), Víctor*

*Martín Barroso (Universidad Rey Juan Carlos, Spain), Rosa Santero*

*Sánchez (Universidad Rey Juan Carlos, Spain)*

**The socioeconomic foundations of authoritarianism: economic inequality as a source of deference to authority**

*Cristian Márquez Romo (Goethe University, Germany)*

**Parenthood in Transition? The Influence of Economic and Ecological Uncertainties on Childbearing Desires**

*Claudia Herbst (University of Salzburg, Austria)*

**Testing their wings? Gig work as a step towards entrepreneurial entry in Finland**

*Aart-Jan Riekhoff (Finnish Centre for Pensions, Finland), Susanna Sten-*

*Gahmberg (Finnish Centre for Pensions, Finland)*

**Global Scientific Production on Young People Not in Education, Employment or Training (NEET): A Bibliometric Analysis**

*Beyza Güdek (Karadeniz Technical University, Turkey)*

**TUESDAY, JUNE 03, 2025**

**9:00-10:30 SESSION 4: EUROPEAN SOCIAL SURVEY**

**Room 1247** *Chair: Heikki Ervasti (University of Turku, Finland)*

*Technical chair: Nabaraj Adhikari (LUT University, Finland)*

**Does anyone deserve to be on the losing side? Deservingness perceptions and compensating for regressive effects of environmental policies**

*Sami Mustikkamaa (University of Turku, Finland), Aya Kachi (University of Basel, Switzerland)*

**Trust and CAM – The Impact of Social and Political Trust on CAM use**

*Santeri Ahtikari (University of Turku, Finland), Heikki Ervasti (University of Turku, Finland)*

**Does populism represent a significant threat to European environmental agenda?**

*Dimitri Gugushvili (KU Leuven, Belgium)*

**Demonstrating the methodological decisions required to perform mediation analysis using evidence from the European Social Survey for four European countries**

*Anastasia Charalampi (Panteion University of Social and Political Sciences, Greece), Aggeliki Yfanti (Academy of Athens, Greece)*

**Using or Not Weights in Structural Equation Modeling - An Example of the Political Satisfaction-Political Trust Model**

*Magdalena Poteralska (Warsaw School of Economics, Poland), Jolanta Perek-Bialas (Jagiellonian University, Poland & Warsaw School of Economics, Poland)*

- 9:00-10:30 **SESSION 5: RESPONSE BEHAVIOUR**  
Room 1345 *Chair: Wolfgang Aschauer (University of Salzburg, Austria)*  
*Technical chair: Zhen Im (LUT University, Finland)*  
**Do respondents react differently to avatars as compared to humans?**  
*Fabienne Wöhner (University of Bern, Switzerland), Axel Franzen (University of Bern, Switzerland)*  
**Assessing the Impact of Self-Administered Modes on Measuring Attitudes in the European Values Study**  
*Anastasiia Kiiski (University of Helsinki, Finland)*  
**Static or Animated? How Ad Design Shapes Survey Recruitment**  
*Anna Hebel (GESIS – Leibniz Institute for the Social Sciences, Germany)*  
**Did you say "self-administered"? Reflections on supporting strategies towards greater respondents' participation in online surveys**  
*Léonie Hénaut (CNRS and Sciences Po, France), Laure Crepin (CNRS and Sciences Po, France), Marie-Aline Bloch (School of Public Health EHESP, France)*  
**Evaluating methods to prevent and detect inattentive responding in web surveys**  
*Lukas Olbrich (Institute for Employment Research, Germany)*
- 9:00-10:30 **SESSION 6: RESEARCH WITH PRIMARY SURVEY DATA**  
Room 1245 *Chair: Fabrizio Martire (Sapienza University of Rome, Italy)*  
*Technical chair: Visa Rantanen (LUT University, Finland)*  
**East German Identity: Development of a Measurement Instrument and Empirical Analysis of Collective Deprivation Experiences after Reunification in Germany**  
*Emma Roßbach (Chemnitz University of Technology, Germany), Jochen Mayerl (Chemnitz University of Technology, Germany)*  
**Environmental Citizenship among Higher Education Students: The Italian Case**  
*Arianna Calderamo (Sapienza University of Rome, Italy), Simona Cavallo (Sapienza University of Rome, Italy), Alfonsina Mastrolia (Sapienza University of Rome, Italy)*  
**Attitudes Towards Virtual Healthcare Assistants in the D-A-CH Region – Investigating Social Determinants Using Higher Order Factor Structural Equation Modelling**  
*Florian Nemetz (Vienna University of Business and Economics WU, Austria), Wolfgang Aschauer (University of Salzburg, Austria), Christopher Etter (University of Salzburg, Austria), Patrick Kutschar (Paracelsus Medical University PMU, Austria/Germany)*  
**Investigating the “Run Rome The Marathon” through a multi-stakeholder web survey. The role of digitization in the “mixed-methods” research design of Sapienza University of Rome**  
*Maria Paola Faggiano (Sapienza University of Rome, Italy), Ernesto Dario Calò (Sapienza University of Rome, Italy)*  
**Testing the Causal Effect of Victimization on Fear of Crime: A Latent Differences-in-Differences Approach**  
*Henrik K. Andersen (Chemnitz University of Technology, Germany), Deliah Wagner (Center for Criminological Research Saxony, Germany), Jochen Mayerl (Chemnitz University of Technology, Germany), Frank Asbrock*

*(Chemnitz University of Technology, Germany & Center for Criminological Research Saxony, Germany)*

10:45-12:00 **KEYNOTE SPEECHES 2: TRADITIONAL STATISTICAL ANALYSIS**  
Room 1318 **VS. MACHINE LEARNING IN RESEARCH EVALUATION**

*Chair: Zhen Im (LUT University, Finland)*

*Technical chair: Maud Reveilhac (LUT University, Finland)*

*Speakers: Maria Teresa Ballestar de las Heras (University Rey Juan Carlos, Spain), Fabrizio Martire (Sapienza University of Rome, Italy)*

13:00-14:30 **SESSION 7: SHARE FINLAND**

Room 1345 *Chairs: Inna Lisko (University of Eastern Finland, Finland), Ismo Linnosmaa (University of Eastern Finland, Finland & Finnish Institute for Health and Welfare, Finland)*

*Technical chair: Nabaraj Adhikari (LUT University, Finland)*

**Combining data on Survey of Health, Ageing and Retirement in Europe with Finnish register data**

*Inna Lisko (University of Eastern Finland, Finland), Tiia Kekäläinen (Laurea University of Applied Sciences), Olli Kurkela (Finnish Institute of Occupational Health, Finland), Leena Forma (University of Eastern Finland, Finland & Tampere University, Finland)*

**Is work done in retirement linked to health and well-being in Finland and Europe?**

*Antti-Jussi Kouvo (University of Eastern Finland, Finland & University of Turku, Finland), Tomi Oinas (University of Eastern Finland, Finland), Ismo Linnosmaa (University of Eastern Finland, Finland & Finnish Institute for Health and Welfare, Finland), Inna Lisko (University of Eastern Finland, Finland)*

**Where to age healthy? Comparing health outcomes of older people in different healthcare systems in Europe**

*Ismo Linnosmaa (University of Eastern Finland, Finland & Finnish Institute for Health and Welfare, Finland), Terhi Auvinen (University of Eastern Finland, Finland), Lauri Kortelainen (University of Eastern Finland, Finland), Olli Salmensuu (University of Eastern Finland, Finland), Minna Kaarakainen (University of Eastern Finland, Finland & Savonia University of Applied Sciences, Finland)*

**(Un)happy together – the interrelated life satisfaction in older couples**

*Terhi Auvinen (University of Eastern Finland, Finland), Joonas Uotinen (Finnish Institute for Health and Welfare, Finland), Maria Vaalavuo (Finnish Institute for Health and Welfare, Finland)*

**Ageing and loss of resources – does empirical evidence support the idea of loss spirals?**

*Terhi Auvinen (University of Eastern Finland, Finland), Mieke Rijken (Netherlands institute for health services research Nivel, The Netherlands & University of Eastern Finland, Finland), Ismo Linnosmaa (University of Eastern Finland, Finland)*

13:00-14:30 **SESSION 8: AI: EMOTIONS AND IMPLICATIONS**

Room 1245 *Chair: Matti Nelimarkka (University of Helsinki & Aalto University, Finland)*

*Technical chair: Petteri Kolmonen (LUT University, Finland)*

**AI as an Emotional Companion? A Computational Analysis of AI-Mediated Emotional Support and Emerging Emotional Norms**  
*Lilian Amabili Leupold (Technische Universität Dresden, Germany)*

**Living in the World Blurring Truth: Public Concerns and Perceptions of AI-Generated Images**  
*Shiqi Yang (University of Jyväskylä, Finland)*

**Analyzing AI-Powered Learning: Exploring the role of a chatbot in supporting Self Regulated Learning (SRL)**  
*Nisha Yadav (LUT University, Finland)*

**From Emotion to Data: The Quantitative Analysis of Digital Educational Relationships through Generative Artificial Intelligence**  
*Simona Cavallo (Sapienza University of Rome, Italy), Laura Tolentino (Sapienza University of Rome, Italy)*

**Detecting Public Sentiment in the Age of Big Data: A Machine Learning-Based Exploration Using Open-Access Emotion Data**  
*Hazel Ceren Erkengel (Karadeniz Technical University, Turkey)*

13:00-14:30 **SESSION 9: RESEARCH ON SOCIETAL DIGITALIZATION I**  
 Room 1247 *Chair: Cristina Calvo (University of Valladolid, Spain)*  
*Technical chair: Visa Rantanen (LUT University, Finland)*

**Proposing a Tentative Sentiment Dictionary for Gender Analysis in Digital Communication: A Quantitative Study of Twitch Comments**  
*David Moreno-Alameda (University of Madrid, Spain), Sandra Ramírez-Fernández (University of Madrid, Spain)*

**Young people's perceptions about the effects of social media use on their well-being in Finland**  
*Konsta Happonen (Finnish Youth Research Society, Finland)*

**Measuring Media Polarization: A Majority Operator-Based Model for Information Evaluation**  
*Pablo Pastora Estebanez (Universidad de Málaga, Spain)*

**Cushion or catalyst? Automation risk, policy feedback and public attitudes towards AI in Europe**  
*Jing Ning (University of International Business and Economics, China), Alex Jingwei He (The Hong Kong University of Science and Technology, Hong Kong), Ziteng Fan (Fudan University, China)*

**Methodological Approach to Analyzing Disinformation Spread: Web Scraping, Network Analysis, and AI**  
*Pablo Pastora Estebanez (Universidad de Málaga, Spain)*

14:45-16:00 **KEYNOTE SPEECHES 3: GREEN YOUR ANALYSIS: A SUSTAINABLE USE OF AI IN QUANTITATIVE RESEARCH**  
 Room 1318 *Chairs: Markku Ikävalko (LUT University, Finland), Terhi Virkki-Hatakka (LUT University, Finland)*  
*Technical chair: Maid Reveilhac (LUT University, Finland), Speakers: Kathrin Komp-Leukkunen (LUT University, Finland), Jamie Hyneman (M5 Industries, USA & LUT University, Finland)*

16:00 – **SOCIAL PROGRAMME 1: PUB CRAWL**  
 Meet by *Chairs: Nabaraj Adhikari (LUT University, Finland), Visa Rantanen (LUT University, Finland)*  
 Room 1318

16:00 – **SOCIAL PROGRAMME 2: SAUNA EVENT**  
Meet by *Chairs: Nisha Yadav (LUT University, Finland), Kathrin Komp-Leukkunen*  
Room 1318 *(LUT University, Finland)*

## WEDNESDAY, JUNE 04, 2025

9:00-10:00 **SESSION 10: RESEARCH ON SOCIETAL DIGITALIZATION II**  
Room 1247 *Chair: Cristina Calvo (University of Valladolid, Spain)*  
*Technical chair: Nisha Yadav (LUT University, Finland),*  
**Is there a digital divide in the digital divide? Age-differences in digital skills across European regions**  
*Petteri Kolmonen (LUT University, Finland), Kathrin Komp-Leukkunen (LUT University, Finland)*  
**Simulating Alternative and Traditional Media Influence in a Fragmented Digital Landscape**  
*Maud Reveilhac (University of Zurich, Switzerland)*  
**Digital stress in the Austrian population: addressing its distribution and impact on subjective well-being**  
*Christopher Etter (University of Salzburg, Austria), Anja Eder (University of Graz, Austria), Matthias Penker (University of Graz, Austria)*  
**Changing cultural landscapes of digital disconnection: Machine learning approach to examine Finnish discussion of digital disconnection from 1990 to 2025**  
*Ossi Sirkka (Tampere University, Finland)*

9:00-10:00 **SESSION 11: ANALYSES OF CROSS-NATIONAL SURVEYS**  
Room 1245 *Chair: Jochen Mayerl (Chemnitz University of Technology, Germany)*  
*Technical chair: Visa Rantanen (LUT University, Finland)*  
**Beginning of old age by employment type in Denmark: Understanding the role of retirement timing, life satisfaction, and health outcome on perceptions of the beginning of old age**  
*Nabaraj Adhikari (LUT University, Finland)*  
**Modeling dis/trust in government to deal with the pandemic, the impact of the pandemic on employment and COVID-19 cases on social trust: A mediation analysis based on the 2020 European Social Survey datasets for Finland and Greece**  
*Aggeliki Yfanti (Academy of Athens, Greece)*  
**Complementary Medicine vs. Alternative Medicine in the Digital Age: An Empirical Analysis Using ISSP 2021 Data**  
*Juliane Heise (University of Technology Chemnitz, Germany), Alexander Helbing (University of Technology Chemnitz, Germany)*  
**Comparing the measurement of Gender Roles Attitudes in large scale cross-national surveys**  
*Malina Voicu (University of Bucharest, Romania)*

9:00-10:00 **SESSION 12: NEW DEVELOPMENTS IN DATA COLLECTION AND ANALYSIS**  
Room 1345 *Chair: Adeline Clarke (University of Helsinki, Finland)*

*Technical chair: Zhen Im (LUT University, Finland)*

**How recruitment strategies, sources translate into data quality**

*Jessica Daikeler (GESIS – Leibniz Institute for the Social Sciences, Germany)*

**Survey mode in the digital era: investigating measurement equivalence across mode switches using the GESIS panel.pop**

*Ayline Heller (GESIS – Leibniz Institute for the Social Sciences, Germany)*

**Exploring Opinion Polarization in Times of Crises: Insights from Combining Survey and Twitter Data**

*Beate Klösch (University of Graz, Austria)*

**Apollo Meets Justitia: Predicting Civil Case Outcomes in Dutch Court Data**

*Jozef Patrnciak (Utrecht University, The Netherlands)*

10:15-11:15 **SESSION 13: ANALYSIS OF TEXTUAL DATA**

Room 1245 *Chair: Jolanta Perek-Bialas (Jagiellonian University, Poland)*

*Technical chair: Petteri Kolmonen (LUT University, Finland)*

**AI vs. Ageism: How LLMs Can Detect Age Bias in Job Offers**

*Ambroise Dobosz (Jagiellonian University, Poland)*

**MarxistLLM: Fine-tuning a language model with a Marxist worldview**

*Matti Nelimarkka (University of Helsinki, Finland & Aalto University, Finland)*

**Quantifying the Qualitative: Measuring Social Integration and Inclusion in Esports Communities through Ethnographic Data**

*Luis E. Andrade Silva (Universidad de Salamanca, Spain)*

**Unbiased Textual Data Analysis for Measuring Societal Change: Opportunities and Challenges**

*Krista Lagus (University of Helsinki, Finland)*

10:15-11:15 **SESSION 14: INNOVATIVE DATA ANALYSIS AND VISUALIZATION**

Room 1247

*Chair: Maria Teresa Ballestar (Rey Juan Carlos University, Spain)*

*Technical chair: Nabaraj Adhikari (LUT University, Finland)*

**Network galleries, interactive maps and timelines for teaching: a visual history of sociology to promote knowledge of sociologists and their works**

*Cristina Calvo (University of Valladolid, Spain), Emilio Portela (University of Salamanca, Spain), Modesto Escobar (University of Salamanca, Spain)*

**Regression Graphs with Generalized Linear Models. An Empirical Application to Content Analysis**

*Modesto Escobar (University of Salamanca, Spain), Cristina Calvo (University of Valladolid, Spain)*

**A chart and what's behind it: the politics of data visualisation**

*Eszter Katona (Eötvös Loránd University, Hungary), Anikó Gregor (Eötvös Loránd University, Hungary)*

**Unsupervised image clustering and conceptual thinking in social science research**

*Adeline Clarke (University of Helsinki, Finland), Matti Nelimarkka (University of Helsinki, Finland & Aalto University, Finland)*



11:30-12:00 **CLOSING SESSION & ANNOUNCEMENT OF YOUNG  
Room 1247 RESEARCHER AWARD WINNER**

*Chair: Fabrizio Martire (Sapienza University of Rome, Italy)*

*Technical chair: Maud Reveilhac (LUT University, Finland)*

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*Please note that the access codes for the live stream will be made available in a separate document.*