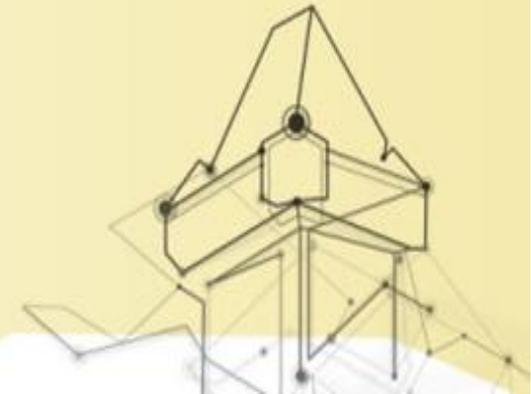




STS CONF GRAZ

AN EVENT BY TU GRAZ

May 6 – 8 2024



Program

Monday, 06/May/2024					
8:00am - 9:00am	Registration Location: Lobby				
9:00am - 10:00am	K1: Welcome and Keynote Kornelia Konrad: Hydrogen visions between past, present and future; University of Twente, The Netherlands Location: Room Styria Chair: Michael Kriechbaum , Graz University of Technology, Austria Welcome Note by Günter Getzinger , head of the STS Unit, Graz University of Technology, Austria				
10:15am - 11:45am resp. 10:15am - 12:15pm		C.8: Fostering Equity in Energy Transition Innovations 10:15-11:45 Location: Room Riverside Chair: Paty Romero-Lankao , University of Toronto, Scarborough, Canada Looking for shared representations between experts and locals: the case of agrivoltaics in Italy Mirella de Falco, Mauro Sarrica La Sapienza, Italy Fusion “just” or fusion “fast”? Sociotechnical imaginaries and the public-private shift in fusion research Alessio Giacometti University of Padova, Italy Towards responsible and fair pay-as-you-go energy access in sub-Saharan Africa (Online Presentation) Tash Perros^{1,2}, Sam Unsworth³, Muez Ali^{2,4}, Iwona Bisaga^{5,6}, Julia Tomei² 1: University of Liverpool, United Kingdom; 2: University College London, United Kingdom; 3: Chalmers University of Technology, Sweden; 4: Qatar Foundation, Qatar; 5: Independent Consultant; 6: Loughborough University, United Kingdom	B.2: “Code is Law” Revisited. STS Perspectives on the Digitization of Law and the Legal Sector 10:15-12:15 Location: Room Nikolai Chair: Nikolaus Poehchacker , University of Klagenfurt, Austria Chair: Lukas Daniel Klausner , St. Pölten University of Applied Sciences, Austria Chair: Elisabeth Paar , University of Vienna, Austria On the Relationship of Code and Law Claudia Wutscher Vienna University of Economics and Business (WU), Austria Codes of the lawmakers: Some narratives German members of parliament follow when regulating digital innovation Sebastian Wucherer HafenCity Universität Hamburg, Germany	D.2.1: Gender and Intersectionality in Technology and Innovation Research – The Practical Experience 10:15-12:15 Location: Room Styria Chair: Anita Thaler , IFZ, Austria Chair: Sascha Fink , Carinthian University of Applied Sciences - CUAS, Austria Chair: Daniela Krainer , FH Kärnten gGmbH, Austria Chair: Clemens Striebing , Fraunhofer IAO, Germany The Gender Dimension in FEMtech Research Projects – A reflection based on practical experiences Sybille Reidl, Sarah Beranek Joanneum Research, Austria Gender+ in nanotechnology. A practical experience. (Online Presentation) Rita Bencivenga¹, Diego Colombara¹, Cinzia Leone² 1: University of Genoa, Italy; 2: Italian Institute of Technology, Italy	F.1.1: David against Goliath: Diversity to foster resilient agri-food systems 10:15-12:15 Location: Room Galerie Chair: Katharina Biely , Wageningen University and Research, The Netherlands Reshaping food systems: assessing sustainable development in an Austrian FoodCoop through participatory action research Birgit Teufer Ferdinand Porsche FERNFH, Austria Promoting diversity among consumers to strengthen sustainable agriculture: CSAs accessibility to a broader target group through pricing strategies Vivien Marx, Birgit Teufer Ferdinand Porsche FERNFH, Austria Science, policy, and politics of transition to Nature-positive agri-food systems in India: Whose knowledge counts? (Online Presentation) Anita Pinheiro Ashoka University, India

<p>10:15am - 11:45am resp. 10:15am - 12:15pm</p>		<p>A Network for Equity in Energy Sustainability Transitions Paty Romero-Lankao University of Toronto, Scarborough, Canada</p> <p>Unequal Technologies: The case of minerals and (raw) materials in solar power Sarah Kollnig, Marinella Passarella Montanuniversität Leoben, Austria</p>	<p>A New Empiricism in Law? Predicting Court Decisions as a Challenge to the Is-Ought Distinction in Legal Theory and Practice Lukas Daniel Klausner¹, Nikolaus Pöchhacker², Thomas Buocz³ 1: St. Pölten University of Applied Sciences, Austria; 2: University of Klagenfurt, Austria; 3: independent researcher, Austria</p> <p>Digitalisation Beyond the Bench: Exploring Denmark's Judicial Modernisation through the Criminal and Probate Programme Luna Secher Rasmussen IT University of Copenhagen, Denmark</p>	<p>Embedding Intersectionality in Research Funding: A Pathway to Inclusive Innovation Helene Schiffbänker, David William Walker, Julia Greithanner Joanneum research Forschungsgesellschaft mbH, Austria</p> <p>From Lived Bodies to Inclusive Interfaces: Plessner, Feminist Standpoint Theory, and Gender-Inclusive Design Synergies. Charlotte Reinhardt University of Wuppertal, Germany</p> <p>Gatekeeping of Entrepreneurial Living Cansu Güner Technical University of Munich, Germany</p>	<p>Assets, Commodities and Sustainability: Knowledge politics and the perils of assetization in food transition in Greece (Online Presentation) Stathis Arapostathis, Vassiliki Karantzavelou National and Kapodistrian University of Athens, Greece</p> <p>Course Correction of the Historical Wrongs: Embracing “Diversity” and “Locality” in the Climate Change Paradigm (Online Presentation) Abhinav Tyagi Indian Institute of Technology Bombay, India</p>
<p>12:15pm - 1:30pm</p>	<p>Lunchbreak Location: Room Engelreich</p>				

<p>1:30pm - 3:00pm</p> <p>resp.</p> <p>1:30am - 3:30pm</p>	<p>A.3.1: Challenges and Opportunities for Open Qualitative Research 1:30-3:00 Location: Room Atrium Chair: Matthew Good, University of Oslo, Norway Discussant: Sven Arend Ulpts, Aarhus University, Denmark</p> <p>Reproducibility of qualitative research – an integrative review of barriers and enablers Nicki Lisa Cole¹, Sven Arend Ulpts², Matthew Good³, Agata Bochynska³, Barbara Leitner⁴, Eva Kormann⁵, Tony Ross-Hellauer¹ 1: Know-Center GmbH, Austria; 2: Aarhus University, Denmark; 3: University of Oslo, Norway; 4: Amsterdam University Medical Center, The Netherlands; 5: Graz University of Technology, Austria</p> <p>Examining considerations that encourage interest in open research approaches across psychological and educational qualitative research. (Online Presentation) Sarah MacQuarrie, Lily Verity University of Manchester, United Kingdom</p>	<p>C.2: Limits to green growth and its induced conflicts of biomass use 1:30-3:30 Location: Room Riverside Chair: Raphael Asada, University of Graz, Austria Chair: Annechien Dirkje Hoeben, University of Graz, Austria (Online) Chair: Tobias Stern, Universität Graz, Austria</p> <p>Discovering the Transformative Bioeconomy Discourse in contemporary discussions around the bioeconomy Bernhard Kastner Universität für Bodenkultur Wien, Austria</p> <p>Bridging biodiversity and business: an in-depth analysis of biodiversity assessment tools Andreas Barth¹, Lea Ranacher¹, Tobias Stern², Kurt Christian Schuster³ 1: Wood K Plus, Austria; 2: University of Graz, Austria; 3: Lenzing Aktiengesellschaft, Austria</p> <p>Holistic and Integrated Sustainability Assessment for Bioeconomy and Societal–Ecological Transformation Walther Zeug, Alberto Bezama, Daniela Thrän Helmholtz-Centre for Environmental Research (UFZ), Germany</p> <p>Myopia-induced supply bias and limiting conflicts: a review of the bioeconomy’s growth limiters Edvard August Eggen Sveum, Tobias Stern, Raphael Asada University of Graz, Austria</p>	<p>I.1.1: Science and society in global crises 1:30-3:30 Location: Room Nikolai Chair: Erich Griessler, IHS, Austria Chair: Johannes Starkbaum, IHS, Austria</p> <p>Integrating Ethics and Society Through Innovation Ecosystems? Towards Transformative Innovation Ecosystems Philipp Neudert¹, Mareike Smolka², Stefan Bösch¹ 1: RWTH Aachen University, Germany; 2: Wageningen University & Research, The Netherlands</p> <p>Disjointed reality: scientific research and science journalism in Qatar Anto Mohsin¹, An Nguyen² 1: Northwestern University in Qatar, Qatar; 2: Bournemouth University, United Kingdom</p> <p>Adorno’s Negative Dialectics and Climate Change (Online Presentation) Leon Angelo Morenas School of Planning and Architecture, Delhi, India</p>	<p>D.2.2: Gender and Intersectionality in Technology and Innovation Research – The Practical Experience 1:30-3:15 Location: Room Styria Chair: Anita Thaler, IFZ, Austria Chair: Sascha Fink, Carinthian University of Applied Sciences - CUAS, Austria Chair: Daniela Krainer, FH Kärnten gGmbH, Austria Chair: Clémens Striebing, Fraunhofer IAO, Germany</p> <p>Co-creating a 3D printed prosthesis design using an intersectionality lens Anita Thaler¹, Sascha Fink², Daniela Krainer², Peter Schubert², Julian Bosch², Rosmarie Heim², Claude Humbert², Thomas Rockenbauer³, Michael Sauer⁴, Matthias Sepin⁵ 1: IFZ, Austria; 2: FH Kärnten gGmbH, Austria; 3: Luxinergy GmbH, Austria; 4: Magna Powertrain GmbH & Co KG, Austria; 5: Sepin Orthopädietschnik Sanitätshaus Ges.m.b.h., Austria</p> <p>Negotiating contradictions of classifications for the purpose of self-empowerment Heike Gerdes University of Applied Sciences Emden/Leer, Germany</p>	<p>F.1.2: David against Goliath: Diversity to foster resilient agri-food systems 1:30-3:30 Location: Room Galerie Chair: Katharina Biely, Wageningen University and Research, The Netherlands</p> <p>Decolonisation in low-carbon transitions: Politics of protein transitions from an Indian perspective (Online Presentation) Anita Pinheiro Ashoka University, India</p> <p>What is enough? Sufficiency in small-scale dairy farming as a key strategy for resilience and transformation against the status quo (Online Presentation) Jamila Haider Stockholm Resilience Centre, Sweden</p> <p>Assessing resilience of Indian farming systems to climate risks: a socio-ecological systems approach Abhilasha Singh¹, Upasna Sharma² 1: Indian Institute of Technology, Delhi, India; 2: Indian Institute of Technology, Delhi, India</p>
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<p>1:30pm - 3:00pm resp. 1:30am - 3:30pm</p>	<p>Open Naturally Occurring Data: Challenges and Opportunities (Online Presentation) Bogdana Huma¹, Lotte van Burgsteden², Mike Huiskes³, Sam Heijnen⁴ 1: Vrije Universiteit Amsterdam, The Netherlands; 2: Vrije Universiteit Amsterdam, The Netherlands; 3: Rijksuniversiteit Groningen, The Netherlands; 4: Vrije Universiteit Amsterdam, The Netherlands</p> <p>Unheard, or unspoken? Understanding interdisciplinary qualitative researcher voice surrounding the opportunities, risks, and potential future of open research Annayah M.B. Prosser, Olivia Brown, Grace Augustine, David Ellis School of Management, University of Bath, United Kingdom</p>	<p>Negotiating Biophysical Limits of the Bioeconomy in EU Policy Benjamin Fleischmann, Andreas Mayer, Christoph Görg, Melanie Pichler University of Natural Resources and Life Sciences, Vienna, Austria</p>	<p>Towards a Transformation Assessment – a proposal for observing and shaping sociotechnical transformations (Online Presentation) Janine Gondolf, Andreas Lösch, Christian Büscher, Ulrich Ufer Institute for Technology Assessment and Systems Analysis (ITAS) at Karlsruhe Institute of Technology (KIT), Germany</p> <p>Socio-technical visions for degrowth futures. Insights from ecological economics and degrowth Zoltan Bajmócy¹, Alexandra Koves² 1: University of Szeged, Hungary; 2: Corvinus University of Budapest, Hungary</p>	<p>ChatGPT Ate My Homework: An Alternative Exploration of Research Methodologies Situating Generative AI as an Academic Co-Researcher Anna Shimshak¹, Hannah Puckmayr², Selina Oswald², Michelle Ulz², Astrid Fraißler², Göksu Taskin², Tetiana Lekhush², Anamaria Soče², Sara Arias² 1: Universität Graz, Austria; 2: Student in 'Virtual Bodies' Course, Universität Graz</p> <p>Intersectional Gender Relations and Socio-technical Transformations in the Energy Sector Andrea Wolfram RWTH Aachen University, Germany</p> <p>Between pioneering and a paper tiger: the evaluation process of gender mainstreaming in EU project proposals (Online Presentation) Katrin Mögele, Paula Gundi Technical University of Munich, Germany</p>	
<p>3:00pm - 3:45pm</p>	<p>Coffee Break Location: Lobby</p>				

<p>3:45pm - 5:15pm resp. 3:45pm - 5:45pm</p>	<p>A.3.2: Challenges and Opportunities for Open Qualitative Research 3:45-5:15 Location: Room Atrium Chair: Matthew Good, University of Oslo, Norway Discussant: Nicki Lisa Cole, Know-Center GmbH, Austria Discussant: Sven Arend Ulpts, Aarhus University, Denmark</p> <p>Exploring the pl(AI)ground for open quali-quantitative datasets in autoethnography (Online Presentation) Enric Senabre Hidalgo Universitat de Barcelona, Spain</p> <p>Protocol Sharing for/as Ethnographic Collaboration: Lessons from EMERGE (Online Presentation) Marcel LaFlamme¹, Andrea Ballester², Joshua Barker³, Melina Campos Ortiz⁴, Katie Ulrich^{5,2}, Kregg Hetherington⁴ 1: PLOS, USA; 2: University of Southern California, USA; 3: University of Toronto, Canada; 4: Concordia University, Canada; 5: Rice University, USA</p>	<p>A.6: Openness: an emerging moral economy of science 3:45-5:45 Location: Room Riverside Chair: Thomas König, FORWIT, Austria Chair: Magdalena Wicher, IHS, Austria Chair: Jonathan Edward LoTempio Jr, George Washington University, USA Chair: Eric Vilain, CNRS, USA</p> <p>PANEL DISCUSSION</p>	<p>I.1.2: Science and society in global crises 3:45-5:15 Location: Room Nikolai Chair: Erich Griessler, IHS, Austria Chair: Johannes Starkbaum, IHS, Austria</p> <p>“This is the real face of Covid-19 pandemic!”: How Refused Knowledge Communities contested science during the health crisis. Federico Neresini, Barbara Morsello University of Padova, Italy</p> <p>Discourse Formats for Responsible Research and Innovation in Quantum Technologies Adrian Schmidt, Zeki C. Seskir KIT, Germany</p> <p>Scientific (dis)information and ingenuous trust in science: Engagement and reception of scientific (dis)information in Italian high schools Alessandro Ricotti, Simone Tosoni Università Cattolica del Sacro Cuore di Milano, Italy</p>	<p>E.1: Transforming organisational mobility towards more sustainability 3:45-5:45 Location: Room Styria Chair: Kay Cepera, TU Dortmund, Germany Chair: Marlon Philipp, TU Dortmund University, Germany Chair: Ariane Wenger, ETH Zurich, Switzerland</p> <p>Business air travel: Influencing factors and an outlook on reduction and substitution potentials Romana Rauter, Annina Thaller, Kathrin Winkler University of Graz, Austria</p> <p>Greener or Faster: Unraveling the Impact of Travel Time Presentation on Rail and Air Travel Decision-Making Sophie Kuhlemann Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany</p> <p>Telework and individual living space Jana Z’Rotz¹, Sibylla Amstutz¹, Gabrielle Wanzenried² 1: Hochschule Luzern, Switzerland; 2: Haute école d’Ingénierie et de Gestion du Canton de Vaud, Switzerland</p>	<p>C.9: Hydrogen – Fuel of the future? 3:45-5:45 Location: Room Galerie Chair: Michael Kriechbaum, Graz University of Technology, Austria Chair: Tuukka Mäkitie, SINTEF Digital, Norway</p> <p>Sociotechnical imaginaries on geopolitical risk exposure with the transition– the case of the solar PV rollout in Portugal Renee Neven-Scharrnigg¹, Håvard Haarstad² 1: University of Stavanger, Norway 2: University of Bergen, Norway</p> <p>The role of sectoral configurations for hydrogen innovation and value chains Tuukka Mäkitie, Jens Hanson SINTEF Digital, Norway</p> <p>Timely transitions? Exploring the impact of time-bound targets on visions for the future of large-scale energy storage technologies Anieke Kranenburg, Eva Wolf, Martijn Groenleer Tilburg University, The Netherlands</p> <p>How does the general public in Germany evaluate hydrogen standards and imports? Aline Scherrer, Elisabeth Dütschke, Anne Kantel Fraunhofer ISI, Germany</p>
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<p>3:45pm - 5:15pm resp. 3:45pm - 5:45pm</p>	<p>FAIR Archiving, Safeguarding and Stewarding of potentially identifiable qualitative data: a discussion of a case study Peter Branney¹, Nikki Moore¹, Gabby Keating¹, Elizabeth Walters¹, Kathryn Francis², Carole Binns¹ 1: University of Bradford, United Kingdom; 2: Keele University, United Kingdom</p> <p>Towards more reusable qualitative data at your local institution (Online Presentation) Agata Bochynska, Torgeir Christiansen, Kirsti Klette University of Oslo, Norway</p> <p>DIY Academic Archiving: A seedbag for rethinking and remaking open qualitative research Niamh Moore¹, Mary Hanlon², Martina Karels³ 1: University of Edinburgh, Scotland, United Kingdom; 2: Okanagan College, British Columbia, Canada; 3: St. Francis College, New York, USA</p>		<p>21st Century Bourgeois Agrifood Utopias and Emerging Socio-Technical Imaginaries: Insights from “Agriculture 4.0” Discourses and Policies in Türkiye (Online Presentation) Atakan Büke Leipzig University, Germany</p> <p>Researchers’ Disciplinary Perspectives on Science-Society Relations: Insights from an Online Survey on Knowledge Transfer (Online Presentation) Annika Just, Melike Janßen DZHW, Germany</p> <p>DNA data storage: public engagement through qualitative online survey (Online Presentation) Lenka Pelechova Newcastle University, United Kingdom</p>	<p>(Un) recognizing of transport needs in a changing socio-technical system: the case of electric scooters in Poznan. Zuzanna Jezierska¹, Aleksandra Sidorska² 1: Heksagon Research Company, Poland; 2: Adam Mickiewicz University in Poznań, Poland</p> <p>The role of incentive mechanisms in changing mobility behaviour Kay Cepera, Marlon Philipp TU Dortmund, Germany</p>	<p>Sociotechnical Imaginaries of Hydrogen Technologies in Poland Joanna Grudowska^{1,2}, Katarzyna Iwińska^{1,3} 1: Łukasiewicz Research Network – ITECH Institute of Technology and Innovation; 2: Nicolaus Copernicus University, Poland; 3: Collegium Civitas, Poland</p> <p>Industry first. The Sociotechnical imaginary of Germany as industrial hub and “unsustainabilities” in hydrogen governance. Filip Rozborski Graz University of Technology, Austria</p>
<p>6:30pm - 11:00pm</p>	<p>Social Event Rooftop Mensa, Stremayrgasse 16, 8010 Graz Co-sponsored by the Governor of Styria, Christoph Drexler</p>				

Tuesday, 07/May/2024					
<p>9:30am - 10:30am</p>	<p>K.2: Keynote: Noortje Marres: Testing Facts: On tech trials in the public sector and the politics of falsifiability (Live stream); University of Warwick, United Kingdom Location: Room Styria Chair: Christian Dayé, Graz University of Technology Austria</p>				
<p>10:45am - 12:15am</p>	<p>A.3.3: Challenges and Opportunities for Open Qualitative Research 10:45-12:15 Location: Room Riverside Chair: Nicki Lisa Cole, Know-Center GmbH, Austria Chair: Matthew Good, University of Oslo, Norway Chair: Sven Arend Ulpts, Aarhus University, Denmark</p> <p>WORKSHOP</p>	<p>C.4.1: New social and technical challenges in transforming the energy system towards greater sustainability 10:45-12:15 Location: Room Styria Chair: Jürgen Suschek-Berger, IFZ, Austria Chair: Michael Ornetzeder, Austrian Academy of Sciences, Austria</p> <p>Practicing relational engagement in EU energy project contexts Vera Maria Elena Kools, Johanna Irene Höffken Eindhoven University of Technology, The Netherlands</p> <p>Methods for integrating social dimensions into energy system modelling (ESM) – A review Paola Velasco Herrejón, Marianne Zeyringer Department of Technology Systems, University of Oslo, Norway</p> <p>Pathways towards a future vision: A systems based and stakeholder integration approach to avoid socio-environmental conflicts in combating climate change Eva Wretschitsch, Nathalie Spittler, Mathias Kirchner University of Natural Resources and Life Sciences, Vienna, Austria</p>	<p>C.5: Upscaling Sustainable Energy Tech Transformations: A Comparative Analysis of Demonstrations in the Global North and the Global South 10:45-12:15 Location: Room Nikolai Chair: Sandra Hasanefendic, Vrije Universiteit Amsterdam, The Netherlands</p> <p>The Impact of Consultancy Reports on the Development and Vision of Smart Grids in Sweden Katharina Reindl, Jenny Palm The International Institute for Industrial Environmental Economics (IIIEE), Lund University, Sweden</p> <p>Technological-Related Factors and Social Actor Relations Impacting the Upscaling of Sustainable Energy Technology Demonstrations Rudolf Lohbauer Vrije Universiteit (VU) Amsterdam, The Netherlands</p>	<p>C.7: Energy Citizenship and Positive Energy Districts 10:45-12:15 Location: Room Galerie Chair: Vanja Djinlev, ETH, Switzerland Chair: Malgorzata Matowska, Th!nk E, Belgium Chair: Michael Brenner-Fliesser, Joanneum Research, Austria</p> <p>Cross-sectoral coordination challenges and arrangements in PEDs. (Online Presentation) Adam X. Hearn¹, Jens Köhrsen^{1,2} 1: University of Basel, Switzerland; 2: University of Oslo, Norway</p> <p>Engagement strategies for citizens in Renewable Energy Communities (Online Presentation) Annika Sohre, Iljana Schubert, Adam Hearn University of Basel, Switzerland</p>	<p>E.2: Analysing Multi-System Interactions in the Transition to Sustainable Mobility system 10:45-12:15 Location: Room Atrium Chair: Soma Rahmani, IAS-STs, Graz University of Technology, Austria</p> <p>TIS Subsystems: The case of hydrogen-powered aviation Lennart Grün, Julian Hölzen, Sebastian Losacker, Ingo Liefner, Richard Hanke-Rauschenbach Leibniz University Hanover, Germany</p> <p>Exploring the socio-technical dynamics that affect the diffusion of Electric Car in Graz Soma Rahmani IAS-STs, Graz University of Technology, Austria</p> <p>Everything everywhere all at once: governing simultaneous transitions in India's transport sector (Online Presentation) Dwarkeshwar Dutt Indian Institute of Technology Delhi, India</p>

<p>10:45am - 12:15am</p>		<p>Navigating social acceptance for large renewable energy technology infrastructures in Austria: A multifaceted analysis of socio-technical transformations and possible pitfalls Gudrun Haindlmaier, Cornelia Reiter, Surya Knöbel, Wolfram Rhomberg AIT Austrian Institute of Technology, Austria</p>	<p>The Role of Pilot and Demonstration Plants in Multi-Sector Engagement: A Case Study of Hydrogen Development in the The Netherlands" (Online Presentation) Seyedesmaeil Mousavi, Arjan Kirkels School of Innovation Sciences; Eindhoven University of Technology, The Netherlands</p> <p>Urban Innovation to Address Climate Crisis: Data-Driven Technologies Ferlanda Luna¹, Rosmel Rodriguez Barroso² 1: University of Coimbra, Portugal; 2: University of Coimbra, Portugal</p> <p>Upscaling Technologies in the Global South: Demonstrating Three Health Projects Marianna Nigra¹, Sandra Hasanefendic², Bart Bossink² 1: Politecnico di Torino, Italy; 2: Vrije Universiteit University Amsterdam, The Netherlands</p>	<p>Citizens engagement preferences – Findings from a multinational survey with a Discrete Choice Experiment (Online Presentation) Iljana Schubert, Adam Hearn, Annika Sohre University of Basel, Switzerland</p> <p>Role of the business ecosystem to catalyze energy citizenship in PEDs Juliana Victoria Zapata Riveros¹, Jozsef Kadar², Silvia Ulli-Ber¹, Tareq Abu Hamed³ 1: ZHAW School of Engineering, Switzerland; 2: University of Haifa, Israel; 3: Arava Institute for Environmental Studies, Israel</p>	<p>Circular economy and strategic oversight in policymaking: Evidence from regional Electric Vehicle policies in India Shubham Sharma, Kira Matus Hong Kong University of Science and Technology/ TU Delft, The Netherlands</p>
<p>12:15pm - 1:15pm</p>	<p>Lunchbreak Location: Room Engelreich Co-sponsored by the mayor of Graz, Elke Kahr, opened by local council Miriam Herlicska</p>				

<p>1:15pm - 2:45pm</p>	<p>Poster Session Location: Room Styria Chair: Günter Getzinger, Graz University of Technology, Austria</p> <p>Exploring Gender Inclusivity in Computer Science Education: A Case Study of an Introductory Course Mirjam Paaes University of Tartu, Estonia</p> <p>Usability of rollators in elderly. A narrative literature review. Marcel Schmucker^{1,2}, Andreas Küpper^{1,2}, Cornelia Mahler², Astrid Elsbernd¹ ¹Esslingen University of Applied Sciences, Germany; ²University of Tübingen, Germany</p> <p>Conceptualising rebound effects as emerging from user learning about smart home technologies Bryony Parrish University of Oxford, United Kingdom</p> <p>Challenges and strategies in teaching responsible research practice (to engineering students) Lisa Sigl TU Wien, Austria</p> <p>Teaching Digital Literacy through Participatory Pedagogy Sérgio Barbosa IAS-STG, Graz University of Technology, Austria</p> <p>Awareness, Attitudes and Practice of Open Access in the Humanities – Evidence from Hungary Mónika Rusvai Library and Information Centre of the Hungarian Academy of Sciences, Hungary</p> <p>15 years of NOVA classification of food processing: its role among complex and sustainable dietary quality indicators – a scoping review Orsolya Tompa¹, Anna Kiss^{1,2}, Dávid Szakos³ ¹Hungarian Academy of Sciences, Hungary; ²Pro-Sharp Research and Innovation Center, Hungary; ³University of Veterinary Medicine Budapest, Hungary</p> <p>Sex Education in the Age of Chat GPT Hannah Puckmayr University of Graz, Austria</p> <p>Managing Industrial Digital Platform Growth or Generative Dynamics - A Virtuous Loop Approach (Online Presentation) Kwok Shum¹, Tomoatsu Shibata², Fumio Kodama³ ¹Hong Kong Chu Hai College, Hong Kong S.A.R., China; ²Gakushuin University, Japan; ³University of Tokyo, Japan</p>
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<p>3:00 pm - 4:30pm</p>	<p>A.1: How do geographic imbalances in mainstream scientific knowledge production impact sociotechnical change in lower income countries? 3:00-4:30 Location: Room Riverside Chair: Samuel John Unsworth, Chalmers, Sweden (Online) Chair: Muez Ali, University College London, United Kingdom (Online)</p> <p>A global public engagement process riddled with inconsistencies? The case of the Stratospheric Aerosol Injection (SAI) experiment SCoPEX Florian Winkler Institute for Advanced Studies Vienna (IHS), Austria</p> <p>Decolonisation of protein transitions in India (Online Presentation) Anita Pinheiro Ashoka University, India</p> <p>Evidence of an epistemic hierarchy in global climate change science assessments (Online Presentation) Ema Gusheva¹, Stefan Pfenninger¹, Johan Lilliestam² 1: TU Delft, The Netherlands; 2: Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany</p>	<p>C.4.2: New social and technical challenges in transforming the energy system towards greater sustainability 3:00-4:30 Location: Room Styria Chair: Jürgen Suschek-Berger, IFZ, Austria Chair: Michael Ornetzeder, Austrian Academy of Sciences, Austria</p> <p>The Role of Digitalization in Reducing Energy Poverty Teresa Magina¹, Inês Carrilho-Nunes², Margarida Catalão-Lopes² 1: Instituto Superior Técnico, Universidade Lisboa, Portugal; 2: CEGIST, Instituto Superior Técnico, Universidade Lisboa, Portugal</p> <p>Trust and participation in the energy community Sanna Kristiina Tuomela University of Vaasa, Finland</p> <p>Re-accelerating stalling energy transformations by policy intervention: the case of wind power in Europe Anastasia Pavlenko¹, Marta Vetier², Jessica Jewell², Aleh Cherp^{1,3} 1: Central European University, Austria; 2: Chalmers University of Technology, Sweden; 3: Lund University, Sweden</p>	<p>C.3.1: Factors Accelerating or Hindering Organizational and Sociotechnical Transitions Towards Net-Zero 3:00-4:30 Location: Room Nikolai Chair: Matthew Phillip Johnson, Universität Hamburg, Germany Chair: Gregory Trencher, Kyoto University, Japan</p> <p>Shaping The Energy Transition in Japan: The Response of City Gas Utilities to Climate Action (Online Presentation) Tarek Katramiz Keio University, Japan</p> <p>Knowledge networks in energy community projects: A configurational study Jouni K. Juntunen, Hassan Yousaf University of Vaasa, Finland</p>	<p>C.6.1: Ownership, energy justice and the expansion of renewables 3:00-4:30 Location: Room Galerie Chair: Marco Sonnberger, Friedrich-Schiller-University Jena, Germany</p> <p>Solar flares: exploring justice issues in India's solar expansion (Online Presentation) Dwarkeshwar Dutt Indian Institute of Technology Delhi, India</p> <p>Identification spaces, piles of laundry and "our" electricity - how "energy sharing" is changing our relationship to the world Helen Bönnighausen Max-Weber-Kolleg/SFB Structural Change of Property, University of Erfurt, Germany</p>	<p>H.1.1: The many faces of Futures Literacy 3:00-4:30 Location: Room Atrium Chair: Christian Dayé, Graz University of Technology, Austria, Carmen Sippl, Pädagogische Hochschule Niederösterreich, Austria, Karin Tengler, Pädagogische Hochschule Niederösterreich, Austria</p> <p>The Many Faces of Futures Literacy: A Comprehensive Literature Analysis and Future Research Directions Antje Bierwisch, Juliana Pattermann, Julia Vögele, Oliver Som MCI The Entrepreneurial School, Austria</p> <p>Emerging and Uncertain Worlds: Insights into Teaching Futures Thinking Emanuele Bardone, Liisi Pajula University of Tartu, Estonia</p> <p>Re-conceptualizing Futures Literacy against Methodological Individualism (Online Presentation) Madeleine Scherrer¹, Tanja Obex² 1: PH Schwäbisch Gmünd, Germany; 2: Universität für Musik und darstellende Kunst Wien, Austria</p> <p>Building SHE futures. An ecofeminist perspective on futures literacy (Online Presentation) Jenny Ufer, Chiara Paris EURAC Research, Italy</p>
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<p>3:00 pm - 4:30pm</p>		<p>Navigating justice in low-carbon transitions: insights from European case studies Daniel Gerdes¹, Maria Luisa Lode², Seona Candy³, Federica Giardina⁴, Wojciech Kowalik⁵, Nathalie Spittler¹ 1: University of Natural Resources and Life Sciences, Vienna (BOKU), Austria; 2: Vrije Universiteit Brussel (VUB), Belgium; 3: Demos Helsinki, Finland; 4: Ecoserveis Barcelona, Spain; 5: Instytut Gospodarki Surowcami Mineralnymi i Energią Polskiej Akademii Nauk, Krakow, Poland</p>			<p>Modelling and Futures Literacy with Fiction (Online Presentation) Julia Hoydis¹, Roman Bartosch² 1: University of Klagenfurt, Austria; 2: University of Cologne, Germany</p>
<p>4:30 pm - 5:00 pm</p>	<p>Coffee Break Location: Lobby</p>				
<p>5:00pm - 6:30pm resp. 5:00pm - 7:00pm</p>	<p>B.3: (Responsible) Standardisation of Disruptive Digital Technologies 5:00-7:00 Location: Room Riverside Chair: Kai Jakobs, RWTH Aachen University, Germany</p> <p>It's not only about technology! Educating future standards professionals Vladislav Fomin¹, Elisabeth Staudegger², Hristina Veljanova², Kestutis Mosakas¹, Oksana Kuzmuk¹, David Bierbauer², Rimvydas Laužikas¹, Barbara Reiter² 1: Vilnius University, Lithuania; 2: University of Graz, Austria</p> <p>Bringing standardization back into the platform discourse Ole Hanseth¹, eric Monteiro² 1: University of Oslo, Norway; 2: Norwegian University of Science and Technology</p>	<p>C.4.3: New social and technical challenges in transforming the energy system towards greater sustainability 5:00-6:30 Location: Room Styria Chair: Jürgen Suschek-Berger, IFZ, Austria Chair: Michael Ornetzeder, Austrian Academy of Sciences, Austria</p> <p>Place-based resources, actors, and policy participation for transforming power production to clean and renewable sources Margot Hurlbert University of Regina, Canada</p> <p>Designing institutions for Emerging Technologies in the energy transition: Towards a heuristic model Anieke Kranenburg Tilburg University, The Netherlands</p>	<p>C.3.2: Factors Accelerating or Hindering Organizational and Sociotechnical Transitions Towards Net-Zero 5:00-7:00 Location: Room Nikolai Chair: Matthew Phillip Johnson, Universität Hamburg, Germany Chair: Gregory Trencher, Kyoto University, Japan</p> <p>Taking stock: use and governance of AI for climate action in European cities Marie Josefine Hintz Technical University Berlin, Germany</p> <p>Risk Governance in CO2 – removal services as global means of mitigating climate change effects: the case of Complementary Currencies for Climate Change (Online Presentation) Christian Büscher KIT, Germany</p>	<p>C.6.2: Ownership, energy justice and the expansion of renewables 5:00-6:30 Location: Room Galerie Chair: Marco Sonnberger, Friedrich-Schiller-University Jena, Germany</p> <p>'Doing ownership' in energy transition process: comparing remote communities in Africa and Asia Rosanna De Rosa¹, Dario Minervini¹, Reesha Arshad² 1: University of Naples Federico II, Italy; 2: Lahore University of Management of Sciences, Pakistan</p> <p>One step forward, two steps back: How different owners perceive just transition in Norway Kim-André Myhre Arntsen, Tomas Moe Skjølsvold, Sara Heidenreich NTNU, Norway</p>	<p>H.1.2: The many faces of Futures Literacy 5:00-7:00 Location: Room Atrium Chair: Christian Dayé, Graz University of Technology, Austria, Carmen Sippl, Pädagogische Hochschule Niederösterreich, Austria, Karin Tengler, Pädagogische Hochschule Niederösterreich, Austria</p> <p>Is Futures Literacy the Future? Critical Questions from Foresight Practitioners Dana Wasserbacher, Renata Mandzhieva, Susanne Giesecke, Attila Havas AIT Austrian Institute of Technology, Austria</p>

<p>5:00pm - 6:30pm resp. 5:00pm - 7:00pm</p>	<p>Between market-creation and techno-ethical entanglements – Insights from AI standardisation processes in Germany Daniel Schweiß University of Kiel; Weizenbaum Institute Berlin, Germany</p> <p>Disruptive Regulatory Developments in Pursuit of a Responsible European Standardisation System? (Online Presentation) Zuno George Verghese Tilburg Law School, Tilburg University, The Netherlands</p>	<p>Unlocking Integration: A Case Study on Smart Energy Systems in Austria Michael Ornetzeder Austrian Academy of Sciences, Austria</p> <p>Securing electric power grid – negotiating expertise: the case of Norway Olga Usachova Norwegian University of Science and Technology, Norway</p> <p>Empowering End-Users: Information Campaigns as Catalysts for Energy Efficiency Policy and Behavioural Transformation Shubham Sharma, Kira Matus Hong Kong University of Science and Technology/ TU DELFT, The Netherlands</p>	<p>Integration of carbon budgets into regional climate policy: Finding agency to accelerate mitigation (Online Presentation) Paula Lenninger, Magdalena Kuchler Uppsala Universitet, Sweden</p> <p>Prevalent use of low-quality offsets by major companies undermines integrity of net-zero pledges Gregory Trencher¹, Sascha Nick², Jordan Carlson¹, Matthew Johnson³ 1: Kyoto University, Japan; 2: Ecole Polytechnique Fédérale de Lausanne (EPFL, Switzerland; 3: University of Hamburg, Germany</p>	<p>Mainstreaming alternative discourses on energy communities. The case of Austria Andrea Vogler, Julia M. Wittmayer Vienna University of Economics and Business, Austria</p> <p>The experience of energy cooperatives in Mexico: a look into new forms of democratic participation and ownership regimes (Online Presentation) Israel Felipe Solorio Sandoval¹, Paola Velasco Herrejón², Lishey Lavariega Aguilar³ 1: Universidad Autónoma de México; 2: University of Oslo, Norway; 3: GIZ, Germany</p>	<p>Navigating Future Skills: The FOUNDING LAB Experience in Shaping the University of the Future Maria Mag. Pfeifer¹, Anna Oelsch. BSc¹, Regina Dr. Sipos² 1: Ars Electronica Futurelab, Austria; 2: Technical University of Munich, Germany</p> <p>Enhancing Futures Literacy through Gaming? Experiences from Role-playing Games on Socio-Technical Change in University Courses Christian Dayé, Roman Prunč Graz University of Technology, Austria</p>
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Wednesday, 08/May/2024	
<p>9:00am - 10:00am</p>	<p>K.3: Keynote: Erik Aarden: Collective goods? The making of “population health” in medical tissue and data collections; University of Klagenfurt, Austria Location: Room Styria Chair: Bernhard Wieser, Graz University of Technology, Austria</p>
<p>10:15am - 11:45am resp. 10:15am - 12:15pm</p>	<p>A.5: Cultural Contexts of Science-Making: The Fragmentation of the Science(s)-Public(s) Relationship in the Digital Age 10:15-12:15 Location: Room Galerie Chair: Martin Jordanov Ivanov, Institute of Philosophy and Sociology, Bulgarian Academy of Sciences, Bulgaria Chair: Yuh-Yuh Li, National Sun Yat-sen University, Taiwan Chair: Svetlomisr Zdravkov, Institute of Philosophy and Sociology, BAS, Bulgaria Chair: Petya Klimentova, Institute of Philosophy and Sociology, Bulgaria (Online)</p> <p>Attitude of vaccination and belief in science and traditional knowledge Yuh-Yuh Li, Meng-Fen Yen National Sun Yat-sen University, Taiwan</p> <p>Health Advice and Misleading Experts on Social Media: Cases from the US and Turkey Canan Urhan Istanbul Technical University, Türkiye</p> <p>Between the Lines: Exploring Science Narratives in Bulgarian Mass Media through Embedded Topic Modeling Svetlomisr Zdravkov, Martin Jordanov Ivanov, Petya Klimentova Institute of Philosophy and Sociology, Bulgarian Academy of Sciences, Bulgaria</p> <p>Exploring the Impact of Open Science and Cognitive Factors on Belief in Conspiracy Theories: Insights from European Countries Ahmet Suerdem¹, Svetlomisr Zdravkov², Martin Jordanov Ivanov² 1: Istanbul Bilgi University, Turkey; 2: Institute of Philosophy and Sociology, Bulgarian Academy of Sciences, Bulgaria</p>
	<p>H.2: Teaching STS, beyond STS: a workshop reflecting on teaching in the STEM fields 10:15-11:45 Location: Room Riverside Chair: Mascha Gugganig, Ludwig-Maximilians-Universität München, Germany</p> <p>WORKSHOP</p>
	<p>C.1.1: Understanding low-carbon transitions in the Global South: Policy, Politics, and Decolonization 10:15-11:45 Location: Room Styria Chair: Dwarkeshwar Dutt, Indian Institute of Technology Delhi, India (Online) Chair: Anita Pinheiro, Ashoka University, India (Online)</p> <p>The effects of energy accessibility on income inequality in Latin America and Caribbean countries Karen Villarreal¹, Inês Carrilho-Nunes², Margarida Catalão-Lopes² (Online Presentation) 1: Instituto Superior Técnico, Universidade Lisboa, Portugal; 2: CEGIST, Instituto Superior Técnico, Universidade Lisboa, Portugal</p> <p>“Everything needs time” or “we don’t have time”: Sociotechnical imaginaries of energy systems change related to electricity and cooking services (Online Presentation) Samuel John Unsworth, Sofie Hellberg, Helene Ahlberg Chalmers University of Technology, Sweden</p> <p>Labour and Climate Change: (Re)Imagining Coal Mine Workers in Just Transition Trajectories in India Radhika Krishnan (Online Presentation) IIIT Hyderabad, India, India</p> <p>Cartoons Matter: The Effectiveness of Nudges as a Tool to Promote Energy-Saving Behaviours Łukasz Mamica, Paweł Bajolek, Anna Gomola Krakow University of Economics, Poland</p>
	<p>B.1: The Automated Public 10:15-12:15 Location: Room Nikolai Chair: Cassy Johanna Maria Elisabeth Juhász, Maastricht University, The Netherlands</p> <p>Accountability problems, democratic deficits and use of AI systems for high-stake decisions Sol Martinez Demarco International Center for Ethics in the Sciences and Humanities, University of Tübingen, Germany</p> <p>Methods from the Past: Revisiting Cross-Domain Impact Assessment Case Studies to Advise the AI Act David Hartmann^{1,2}, Lena Pohlmann^{1,2} 1: Weizenbaum Institut, Germany; 2: TU Berlin, Germany</p> <p>Understandable algorithms – How can governments explain algorithmic processes to citizens in an understandable way? Igor ter Halle, Pascal de Vries Windesheim University of Applied Sciences, The Netherlands</p> <p>Exploring Stakeholders’ Perspectives on User Involvement in Designing Digital Public Services for Older Adults Laura Pajula, Riitta Hänninen, Viivi Korpela, Sakari Taipale University of Jyväskylä, Finland</p>

<p>12:15pm - 1:45pm</p>	<p>Lunchbreak Location: Room Engelreich</p>			
<p>1:45pm - 3:15pm</p>	<p>A.2.1: Trust within (open) science 1:45-3:15 Location: Room Galerie Chair: Judith Hartstein, German Centre for Higher Education Research and Science Studies (DZHW), Germany Chair: Alexander Schniedermann, German Centre for Higher Education Research and Science Studies (DZHW), Germany Chair: Nathalie Schwichtenberg, German Centre for Higher Education Research and Science Studies (DZHW), Germany</p> <p>Trust by transparency? How can Open Science tools reform the values for science? Alexander Schniedermann German Centre for Higher Education Research and Science Studies (DZHW), Germany</p> <p>The management of knowledge by scientists in participatory procedures and processes Franziska L. S. Sörgel Karlsruhe Institut for Technology, Germany</p> <p>The Social Construction of Transduction: Translation in Sound Engineering Practices Chris McGuinness CUNY, USA</p>	<p>C.11: Future Mobilities 1:45-3:15 Location: Room Riverside Chair: Anna Schreuer, University of Graz, Austria</p> <p>STS approach in methodology development of cities' AV readiness Miklós Lukovics, Nikolettá Nádas University of Szeged, Hungary</p> <p>Social LCA: Social impacts of recycling of Lithium-Ion Batteries (LIBs) Julius Ott, Martina Zimek University of Graz, Austria</p> <p>Urban Labyrinth: Balancing Progress and Inclusion on 15-Minute Cities Asier Divasson Jaureguibarria, Armando Aguayo, Ana M. Macarulla, J. Ignacio Garcia, Cruz E. Borges Universidad de Deusto, Spain</p>	<p>C.1.2: Understanding low-carbon transitions in the Global South: Policy, Politics, and Decolonization 1:45-3:15 Location: Room Styria Chair: Dwarkeshwar Dutt, Indian Institute of Technology Delhi, India (Online) Chair: Anita Pinheiro, Ashoka University, India (Online)</p> <p>'Asia as a Method' in Understanding Low-Carbon Transition in the Global South: Decolonization, Dynamics of Power and Development (Online Presentation) Shaguftha Yasmin Jawaharlal Nehru University, India</p> <p>Estimating the labour impacts of low-carbon growth pathways in India (Online Presentation) Joan Shilpa Kiran¹, Tejal Kanitkar² 1: National Institute of Advanced Studies, India; 2: National Institute of Advanced Studies, India</p> <p>The political economy of mini grid electricity development in Kenya Mbeo Calvince Ogeya¹, Fiona Lambe² 1: The Stockholm Environment Institute, Africa Center; 2: The Stockholm Environment Institute, Sweden</p>	<p>C.10: Towards a sustainable future: facilitating socio-technical change 1:45-3:15 Location: Room Atrium Chair: Peter Obersteiner, University of Graz, Graz University of Technology, Austria</p> <p>Understanding consumer's awareness, perceptions and expectations to accelerate grass-based innovations in the Bioeconomy Richard Orozco Leibniz Institute For Agricultural Engineering And Bioeconomy (ATB), Germany</p> <p>Visualising carbon in design and delivery of non-domestic buildings – architects' and engineers' approaches Sonja Dragojlovic-Oliveira, Heba Sarhan Strathclyde University, United Kingdom</p> <p>Enhanced strategies for Meta Governance Magnus Fredricson^{1,2} 1: Skaraborgs kommunalförbund, Sweden; 2: University of Skövde, Sweden</p>
<p>3:15pm - 3:45pm</p>	<p>Coffee Break Location: Lobby</p>			

<p>3:45pm - 5:15pm</p>	<p>A.2.2: Trust within (open) science 3:45-5:15 Location: Room Galerie Chair: Judith Hartstein, German Centre for Higher Education Research and Science Studies (DZHW), Germany Chair: Alexander Schniedermann, German Centre for Higher Education Research and Science Studies, Germany Chair: Nathalie Schwichtenberg, DZHW, Germany</p> <p>Is Trust in Software a Disciplinary Practice? Yes. But no. Judith Hartstein^{1,2}, Nathalie Schwichtenberg¹, Alexander Schniedermann¹ 1: German Centre for Higher Education Research and Science Studies (DZHW), Germany; 2: Humboldt-Universität zu Berlin, Germany</p> <p>Exploring trust and distrust in public data infrastructures as socio-technical systems Laura Rothfritz Humboldt Universität zu Berlin, Germany</p> <p>Creator, Algorithm and I Vincent Steinbach, Ronald Staples Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany</p>	<p>B.4: AI and Society: Trust, fairness and transparency 3:45-5:15 Location: Room Nikolai Chair: Bernhard Wieser, Graz University of Technology, Austria</p> <p>Surrogating Life: how Digital Extractions of Living in AR Repurpose Embodiment Forms (Online Presentation) Denisa Butnaru¹, Ned Barker² 1: University of Konstanz, Germany; 2: University College London, United Kingdom</p> <p>Ethic valuation and agency distribution in AI-powered human resource management Shan Wang Norwegian University of Science and Technology, Norway</p> <p>A Transparency Label for Promoting Adequate Trust in Web Search Chiara Ruß-Baumann, Alexander Nussbaumer, Christian Gütl Graz University of Technology, Austria</p> <p>Privacy enhancing Technologies: socio-technical reconfigurations of trust Bernhard Wieser, Andreas Trügler, Christian Dayé, Lea Demelius, Roman Prunč Graz University of Technology, Austria</p>	<p>F.2: Integrated policy strategies for urban foodscapes 3:45-5:15 Location: Room Atrium Chair: Sandra Karner, IFZ, Austria Chair: David Steinwender, IFZ, Austria</p> <p>Integrating strategies for sustainable, healthy and resilient food systems in Budapest and Lisbon. Lessons learned and steps forward. Vanda Pózner¹, Éva Bánsági¹, Katalin Varsányi¹, Carolina Capitão², Rodrigo Feteira-Santos², Oswaldo Santos², Rosário Oliveira³, Bálint Balázs¹ 1: ESSRG, Hungary; 2: EnviHeB Lab, Environmental Health Institute of the Lisbon School of Medicine, University of Lisbon (ISAMB-FMUL); 3: University of Lisbon, Portugal</p> <p>Participatory development of transformation approaches for biodiversity-enhancing dairy production systems as part of sustainable food systems in two German model regions (Online Presentation) Dietlinde Annette Quack Öko-Institut, Germany</p> <p>Exploring the access to green in Graz (Austria) David Steinwender, Linda Fitzka IFZ, Austria</p> <p>BeSt Graz: Towards an biodiverse edible city strategy David Steinwender, Sandra Karner IFZ, Austria</p>
<p>6:00pm - 6:15 pm</p>	<p>Closing Location: Room Styria Chair: Günter Getzinger, Graz University of Technology, Austria</p>		

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