

Programme

Stream: Gender – Technology – Environment	
Stream: Digitalization of Society	
Stream: Life Sciences / Biotechnology	
Stream: Sustainable and Innovative Public Procurement & Ecodesign	
Stream: Towards Low-Carbon Energy and Mobility Systems	
Stream: Sustainable Food Systems	
Stream: Responsible Research and Innovation (RRI)	
Stream: General STS Topics	

Monday, May 7 th						
08:00 onward	Registration					
09:00 - 09:15	Welcome Note – Room Styria GETZINGER, Günter – TU Graz, Science, Technology and Society Unit					
09:15 - 10:00	Keynote 1 – Enactments of change. Gender and technology as material-discursive practice – Room Styria ERNST, Waltraud – Johannes Kepler University Linz, Institute of Women’s and Gender Studies Chair: GETZINGER, Günter – TU Graz, Science, Technology and Society Unit					
	Room Riverside	Room Nikolai	Room Galerie	Room Atrium	Room Styria	Room Deep Purple
10:15 - 11:45 Morning Sessions	S37 Public engagement with new and emerging technologies Chair: FAUTZ, Camilo, SEIFERT, Franz	S13 (1) Degrowth and Digitalisation Chair: ČERNY, Martin	S3 Sounding out collaborations in toxic infrastructures Chair: BERGMANN, Sven KLAAS, Franziska	S14 Information infrastructures and the digitalisation of science Chair: HOMMRICH, Dirk	S1 Queering technologies Chair: ANSLINGER, Julian WICHER, Magdalena	S30 Imaging sustainable food systems Chair: MADSEN, Linda
	Understanding the political dynamics and science-society relations in democracy conflicts with a citizen science approach PALFINGER, Thomas WAGNER, Isabella, MAIR, Sebastian	Are all pathways to sustainability paved with digitalization and technological acceleration? A critical assessment mapping of nordic social innovation FIGUEROA, Maria Josefina	Take the translation of collaboration! On multiple ontologies of toxic waste in Cambodia and our part in it EITEL, Kathrin	Introduction: Information infrastructures and the digitalisation of science HOMMRICH, Dirk	Normalizing by data. Queer perspectives on the rise of data technologies PRIETL, Bianca	Imaging a maritime terroir – The North Sea Cheese OSTROWSKI, Kasper
	Decision-making in repository siting procedures – Democratic and societal challenges for nuclear waste governance MBAH, Melanie	Provisioning in the digital landscape. Assessing platform-supported ecosystems to foster collaborative commons at urban scale GIORGINO, Vincenzo	Doing and thinking technoscience in feminist perspective. Learning from an Italian women’s history about feminism, science and Technology ALLEGRI, Alessandra	Self-archiving and the use of pre-prints in astronomy and mathematics TAUBERT, Niels	Rethinking the Body as a Network: Drawing Inspiration from Japanese Animated Cyborg Bodies JAKEŠOVÁ, Markéta	Meeting and eating the animal ERMANN, Ulrich, BRUCKNER, Heide
	Deconstructing assumptions about science, society and democracy in PE exercises FAUTZ, Camilo	Digitalization in the Global South: Leapfrogging the development model of the North? FRITZSCHE, Kerstin	How to collaborate in political ecologies of ambivalence? BERGMANN Sven	One website, few scientists, multiple practices: Social Science Genetic Association Consortium AKYUZ, Kaya	Sex Robots and (Re-)Constructions of Gender KUBES, Tanja	Playing a serious game to visualize the social dimension of cetacean bycatch LAPJOVER, Alice, BECU, Nicolas RIDOUX, Vincent
	Participatory development of a SMART renovation concept JANY, Andrea			Physical studios & digital research environments WANDL-VOGT, Eveline	Regular Sex: On the Prospective Regulating of Sex Robots KNOX, Elena	Imaging bio(in)secure aqua- and agriculture situations MADSEN, Linda
	Radioactive waste disposal – a sociotechnical challenge AKINSARA-MINHANS, Anne				How to build queer-feminist sex robots? – No construction plan. ANSLINGER, Julian	

Monday, May 7 th							
	Room Riverside	Room Nikolai	Room Galerie	Room Atrium	Room Styria	Room Deep Purple	Room Salon Frühling*
14:00 - 15:30 Afternoon Sessions	<p>S29 (1) Reducing resource consumption in food distribution systems – research and practice in a transdisciplinary discussion</p> <p>Chair: KRAMM, Johanna SATTLEGGGER, Lukas</p>	<p>S13 (2) Degrowth and Digitalisation</p> <p>Chair: BLAŽEK, Jan</p>	<p>S21 Expanding the biosphere: Critical issues for biotechnology, from lab benches to low-earth orbit</p> <p>Chair: MALI, Franc VIDMAR, Matjaž</p>	<p>S35 The fabulous world of STS research</p> <p>Chair: HOFSTÄTTER, Birgit MENZEL-BERGER, Thomas THALER, Anita</p>	<p>S2 Re-configuring computing through feminist new materialism</p> <p>Chair: DRAUDE, Claude KLUMBYTE, Goda</p>	<p>S33 (1) Technical standardisation and STS</p> <p>Chair: JACOBS, Kai</p>	<p>CCCA working group – Consumption based GHG accounting</p> <p>Chair: JUNGMEIER, Gerfried</p>
	<p>Input from theory and practice: Current state of food distribution systems</p> <p>An unloved actor – An Ethnographic study on the role of packaging at retailer level SATTLEGGGER, Lukas</p> <p>Opportunities for packaging waste reduction in the food retail value chain through zero waste stores KRÖGER, Melanie</p> <p>Students' knowledge and attitude towards plastic fruit packaging LESNY, Andreas</p> <p>Food waste measurement and prevention in Hungarian households DOMA, Eszter, SZAKOS Dávid</p> <p>Zero waste stores as attempt to reduce packaging and food waste REINDL, Sarah (Das Gramm – Zero Waste Store, Graz)</p> <p>Resource consumption of alternative food distribution networks like community supported agriculture and foodcoops STEINWENDER, David (Transition Activist, Graz)</p>	<p>Digital commons for degrowth? An empirical case study on a peer production organisation ROBRA, Ben</p> <p>Cryptocurrency of the degrowth BLAŽEK, Jan</p> <p>Transition of the energy sector – The role of ICT KOLLER, Theo</p>	<p>Measuring the Europeanization of the Anti-GM Movement. Evidence from Five EU Countries SEIFERT, Franz</p> <p>Living Laboratories: Space Data and Agriculture VIDMAR, Matjaž</p> <p>Twelve years with genetically modified maize on Czech fields: reality check CHVÁTALOVÁ, Veronika</p> <p>Why the future progress of modern biotechnology depends on well-informed policy decisions: the need to find the balance between research openness and policy control MALI, Franc</p> <p>Whose values, whose science? The role of regulatory science in maintaining scientific controversies in animal feeding studies RACOVITA, Monica</p>	<p>World Café Discussions: Alternative STS research careers and experiences outside the classic academic context</p> <p>Table 1: “A research state of mind” – about doing STS research without a job in academia (Input and moderation: HOFSTÄTTER, Birgit)</p> <p>Table 2: “My ideal work week” – questioning the overtime-work ideal in academia (Input and moderation: MENZEL-BERGER, Thomas)</p> <p>Table 3: “How an RRI project changed my life” – about living an alternative STS career (Input and moderation: THALER, Anita)</p>	<p>Materializing the lines of debate (introductory remarks) DRAUDE, Claude KLUMBYTE, Goda</p> <p>Performing ubicomp’s stories KERASIDOU, Charalampia</p> <p>Thinking computational driven knowledge production with the term intuitive Intention FITSCH, Hannah</p> <p>“Thinking like a scientist”: epistemic premises of machine learning (a work-in-progress report) KLUMBYTE, Goda</p>	<p>The normative evaluation of negative emission technologies STELZER, Harald</p> <p>Interdisciplinary research in law and forensic science: a model for paradigm change from ‘silos’ to systems? RICHMOND, Karen</p> <p>Computer-based digital deviance: analysis of cybercrime costs KUKLYTE, Jurate</p>	<p>CCCA Working Group “Consumption based GHG accounting” JUNGMEIER, Gerfried</p> <p>GHG intensive products of the consumption in Austrian – developing a new integrated methodological framework WINDSPERGER, Bernhard</p> <p>Climcalc – methodology and examples for consumption based GHG accounting of public institutions GETZINGER, Günter</p> <p>Discussion and conclusions</p> <p>*Hotel Wiesler, Grieskai 4-8</p>
15:30 - 16:00	Coffee Break						

Monday, May 7 th						
	Room Riverside	Room Nikolai	Room Galerie	Room Styria	Room Atrium	Room Deep Purple
16:00 - 17:30 (18:00) Afternoon Sessions	<p>S29 (2) Reducing resource consumption in food distribution systems – research and practice in a transdisciplinary discussion</p> <p>Chair: KRAMM, Johanna SATTLEGGGER, Lukas</p>	<p>S12 Socio-technical systems in the digitized society</p> <p>Chair: LEMM, Jaqueline</p>	<p>S17 Microbial living in the time of antimicrobial resistance</p> <p>Chair: BRIVES, Charlotte REST, Matthäus, SARIOLA, Salla</p>	<p>S28 Moving from thinking in silos to thinking in systems</p> <p>Chair: LARSEN, Morten HANSEN, Mette Weinreich</p>	<p>S16 Diagnostics after the genome: reconfiguring subjectivities and collectivities</p> <p>Chair: AARDEN, Erik METZLER, Ingrid</p>	<p>S33 (2) Technical standardisation and STS</p> <p>Chair: JACOBS, Kai</p>
	<p>World Café Discussions: Towards a More Sustainable Food Distribution System</p> <p>Table 1: “The Role of consumers in supply chain transformations” (moderated by David Steinwender)</p> <p>Table 2: “Non-conflicting strategies for packaging and food waste reduction along the supply chain” (moderated by Lukas Sattlegger)</p> <p>Table 3: “Upscaling niche innovations and bottom up transformation of supply chains” (moderated by Sarah Reindl)</p> <p>Table 4: “Transdisciplinarity and collaborations between science and practice” (moderated by Johanna Kramm)</p>	<p>Digitizing science, the negativity of knowledge, and its lack of truth PREM, Erich</p> <p>The future of work: investigating existing work system in digital platform systems SCHÄFER, Katharina</p> <p>Socio-technical systems for digitized workspaces LEMM, Jacqueline</p> <p>Risk and values: Resolving the social dilemmas arising from the world wide web KAPUR, Rajesh</p>	<p>Jordan’s vanishing dairying cultures, or: How to build a culture bank? REST, Matthäus</p> <p>Bacteriophage viruses, or how to live in the ruins of antibiotic therapy BRIVES, Charlotte</p> <p>The public life of microbes DELGADO, Ana</p> <p>Where species meet: an ethnography of a bacterial vaccine trial in Benin SARIOLA, Salla</p> <p>Locating resistance: Microbial knowledges from the black queen hypothesis to the innovation ecosystem THOMPSON, Andie</p>	<p>Chicken and the egg – have (Danish) organic food consumption and production contributed to a new more holistic understanding of sustainable agriculture? LARSEN, Morten, HANSEN, Mette Weinreich</p> <p>Towards sustainable food systems – A case study from Graz Region PABST, Stephan</p> <p>New food pathways? Municipal developments towards sustainable food strategies HANSEN, Mette Weinreich</p>	<p>Treating the infection: Hepatitis C in ethnographic perspective LEHNER, Lisa</p> <p>“We all carry something”: reconfiguring genetic identities and reproductive risk prevention through expanded carrier screening WEHLING, Peter</p> <p>Genetic diagnosis: risks and perspectives BARCARO, Rosangela</p> <p>Reimaging care? The emergence of cell free fetal DNA testing in Austria METZLER, Ingrid</p> <p>Precision medicine and its ‘Infrastructures of solidarity’. Probing the social contract in US and EU precision medicine initiatives AARDEN, Erik</p>	<p>Laying ground for responsible standardisation for robotic law FOMIN, Vladislav</p> <p>How to measure air pollution? Technical standardisation and data infrastructure in smog measurement (the case of Poland) WRÓBLEWSKI, Michał WOJCIECH, Goszczyński</p> <p>Standardisation and “good science” DRUGLITRØ, Tone</p> <p>Innovation by standard? How the EN13201 failed to enhance the LED “revolution” in lighting SCHULTE-RÖMER, Nona</p>
18:00 - 18:45	<p>Keynote 2 – The Future of Sustainable Buildings – Room Styria PASSER, Alexander – TU Graz, Working Group Sustainable Construction, Institute of Technology and Testing of Construction Materials Chair: GETZINGER, Günter – TU Graz, Science, Technology and Society Unit</p>					
19:30	<p>Dinner sponsored by the Governor of Styria, Hermann Schützenhöfer: Café Rosenhain, Panormagasse 77, 8010 Graz (Bus Departure Café Weitzer – 19:00)</p>					

Tuesday, May 8 th						
09:15 - 10:00	Keynote 3 - Metrics, competition and epistemic capitalism. Shifting valuation practices in the sciences and their consequences – Room Styria FOCHLER, Maximilian – University of Vienna, Department of Science and Technology Studies Chair: SPÖK, Armin – TU Graz, Science, Technology and Society Unit					
	Room Galerie	Room Nikolai	Room Riverside	Room Atrium	Room Styria	Room Deep Purple
10:15 - 11:45 Morning Sessions	S10 (1) Algorithmic society: Shaping and relying on algorithms Chair: BOTTEL, Matthias JANDA, Valentin	S25 (1) Smart energy systems innovation: What do we learn from niche experiments? Chair: ORNETZEDER, Michael SUSCHEK-BERGER, Jürgen	S31 Understanding, monitoring, evaluating and assessing the impacts of RRI Chair: WICHER, Magdalena, WOOLLEY, Richard	S20 Expanding the biosphere: Critical issues for biotechnology Chair: FRIEß, Johannes GIESE, Bernd LIEBERT, Wolfgang	S5/6/7 (1) Gendered research careers: neofeudalism, networks, and stereotypes Chair: GRASENICK, Karin HANDLER, Renate	S24 Demand side: Environmental innovation for and with public sector organisations Chair: BUCHINGER, Eva TISCH, Angelika
	Will the digitisation of environmental science change science-society relationships? LANDSTROM, Catharina Trust in algorithms. An empirical study of users' willingness to change behaviour CEPERA, Kay Philipp KONRAD, Julius The algorithmic construction of reality VOGELGESANG, Alina Shapes of algorithmic shaping: Observations from distributed software development BOTTEL, Matthias SCHULZ-SCHAEFFER, Ingo	The role of energy flexibility for a low carbon energy system: Large-scale versus small-scale measures FULTERER, Anna Maria Local demonstration projects for energy efficient cold supply and their contribution to niche development KEPPLER, Dorothee "As we don't know much about it, it's dangerous to touch it": digital technologies in the transition to sustainable energy systems HORTA, Ana, GROSS, Matthias Community energy storage: Towards a responsible innovation dynamics VAN OOST, Ellen Decentralized energy supply for informal settlements in African Cities: The Case of Ethiopia HÖTL, Andrea	Conceptualising and observing the evolution of societal benefits from RRI WOOLLEY, Richard RRI evaluation in practice: the specific case of NANO2ALL SCHUIJER, Jantien SASS Project: a multidisciplinary approach to implement RRI in sustainable food systems CAMPANARO, Ausilia Evaluating and monitoring RRI in research technology organisations – experiences and challenges from the EU project JERRI WICHER, Magdalena	A problematic subject for technology assessment: Gene drives as a revolution in GMO-handling GIESE, Bernd A world without mosquitos? Communication aspects on one of the latest techniques DIEKÄMPER, Julia Technology Characterization of Gene Drives FRIEß, Johannes CRISPR/Cas9 based gene drives for fighting malaria: aspects of prospective technology assessment LIEBERT, Wolfgang	Network Behaviour and Career Development – a review on gendered aspects of networking DAHMEN, Jennifer WOLFFRAM Andrea Yes you can, just believe in yourself! Individual coaching and networking in study and profession of computer science FÖRTSCH, Silvia Gendered Networks: The Case of industrial start-up hub in Munich GUNER-BIRDAL, Cansu	Innovation in the Scottish space sector: Changing paradigms of technology, environment and users' involvement VIDMAR, Matjaz Public sector organisations, innovation and transformative governance: The case of the plus-energy-office-tower of the TU Vienna BUCHINGER, Eva Proactive STS view to public procurement for innovation YAZDI, Najmoddin
12:15 - 13:45	Lunch Break: Reception by the Mayor of Graz, Mag. Siegfried Nagl, City Hall, Hauptplatz 1, 8010 Graz					

Tuesday, May 8 th						
14:00 - 15:00	Poster Session – Room Styria Chair: GETZINGER, Günter – TU Graz, Science, Technology and Society Unit					
	Room Galerie	Room Nikolai	Room Riverside	Room Atrium	Room Styria	Room Deep Purple
15:00 - 16:30 Afternoon Sessions	S10 (2) Algorithmic society: Shaping and relying on algorithms Chair: BOTTEL, Matthias JANDA, Valentin	S25 (2) Smart energy systems innovation: What do we learn from niche experiments? Chair: ORNETZEDER, Michael SUSCHEK-BERGER, Jürgen	S31/32 Innovative support structures for the implementation of RRI in practice Chair: KARNER, Sandra MARSCHALEK, Ilse WICHER, Magdalena	S19 Criteria for bioeconomy Chair: LIEBERT, Wolfgang	S5/6/7 (2) Gendered research careers: neofeudalism, networks, and stereotypes Chair: DAHMEN, Jennifer, THALER, Anita, WOLFFRAM, Andrea	S23 (1) STS – Design – Sustainability Chair: EGGER Stefanie
	The knowledge politics of Intelligent Transport Systems: Questions and early indications from Hamburg SPÄTH, Philipp Cybernetics between utopia and loss of control. Managing transparency and accountability of algorithms through source code? GUAGNIN, Daniel Big data and the emergence of system identities ANEESH, Aneesh Algorithmic social ordering as regulation EYERT, Florian, IRGMAIER, Florian	Exploring post-carbon futures through participatory input-output modelling CERNY, Martin Back to the future – A scenario-backcasting case study CAPARI, Leo Modifying driving practices for a sustainable mobility through technology: relevant ambition or technocratic illusion? The case of an experimentation in Anor (Hauts-de-France) MARGIER, Antonin Car sharing – a feasible way to a low-carbon mobility system? FARSTAD, Eivind, GEORGE, Cyriac Lessons from the first e-mobility fleet in Austria ORNETZEDER, Michael	Social Labs – Experiencing RRI in practice UNTERFRAUNER, Elisabeth SCHRAMMEL, Maria MARSCHALEK, Ilse “RRI-Werkstätte“ – Supporting co-created RRI KARNER, Sandra, THALER, Anita Building emotional capacity: understanding and supporting an underdeveloped dimension of RRI GRIMPE, Barbara	Introduction to the criteria for bioeconomy of the BOKU LIEBERT, Wolfgang A needs based approach to assess the social-ecological efficiency of strategies in the bioeconomy DE SCHUTTER, Liesbeth OMANN, Ines Bioeconomy as a topic of public interest – fostering knowledge, critical discourse and understanding FEICHTINGER, Judith SCHRAMMEL, Maria	Hidden discrimination in academia VERVOORTS, Anja Understanding disciplines and overcoming gender biases GRASENICK, Karin HANDLER, Renate Cultural change in academia – precondition or challenge for women in higher education management? WROBLEWSKI, Angela Analysis and perspectives of inter*, non-binary and trans in higher education (and research) MÄHR, Alex, ROUSCHAL, Philipp Towards a feminist theory of expertise RICHMOND, Karen	Makeshift engineering: Resilience through adaptive design in locally manufactured small wind turbines LATOUFIS, Kostas “Crafted mobility“: STS lens on transport design in the Russian Arctic AKIMENKO, Daria Biophilic product design: A bio-inspired approach to user preferences. BOĞA, Miray Digital technologies and short-term temporalities. On the framing of digital technologies in Swedish popular media OLOFSSON, Jennie
16:30 - 17:00	Coffee Break					

Tuesday, May 8 th						
	Room Galerie	Room Nikolai	Room Riverside	Room Atrium	Room Styria	Room Deep Purple
17:00 - 18:30 Afternoon Sessions	<p>S15 Towards digital health</p> <p>Chair: LANG, Martina WIESER, Bernhard</p>	<p>S26 Governing by tension or use: RES in transition and the role of communities of citizens and users</p> <p>Chair: IVANOV, Martin</p>	<p>S32 Innovative support structures for the implementation of RRI in practice</p> <p>Chair: MARSCHALEK, Ilse SCHRAMMEL, Maria UNTERFRAUNER, Elisabeth</p>	<p>S34/36 Not quite science: Uneasy interactions between science and the public</p> <p>Chair: RACOVITA, Monica</p>	<p>S8 Experimental methods as modes of intervention in the study of STS</p> <p>Chair: FOSTER, Ellen</p>	<p>S23 (2) STS – Design – Sustainability</p> <p>Chair: EGGER, Stefanie</p>
	<p>Governing through numbers: the case of vaccination policy PAUL, Katharina</p> <p>Online Expert Mediators: A new stakeholder category or problematizing the role of blogs in patient engagement EGHER, Claudia</p> <p>Ethics of e-health: Mapping the ethical issues in health care digitization VELJANOVA, Hristina</p> <p>Imaginations of acceptance LANG, Martina</p> <p>What do we care? WIESER, Bernhard</p>	<p>Co-designing sustainable energy transition at community scale: self-sufficiency as a challenge for central and southern Italy PICCHI, Paolo</p> <p>Beyond Tensions: Governance, local movements and the energy transitions in the Greek Islands VATTES, Konstantinos</p> <p>Local resistances and governing by tensions by introducing renewable energies in Bulgaria (2006-2017) IVANOV, Martin</p> <p>Is energy efficiency the panacea for energy poverty? – Evidence from Austria and Macedonia STOJILOVSKA, Ana</p>	<p>Developing more transparent and inclusive stakeholder involvement in the governance of science and innovation STRÄHLE, Michael URBAN, Christine</p> <p>In search of support structures for RRI: Finding InSPIration in the science shop movement BAJMOCY, Zoltan</p> <p>Embedding the principle of responsible research and innovation (RRI) in the process of technology assessment (TA) AL-JOBORY, Fawaz</p> <p>Supporting the development of responsible innovation capabilities in companies JARMAI, Katharina</p>	<p>Alterscience and incompetency as political resources. The case of conspiracy theories GIRY, Julien</p> <p>“Genderism is junk science!” Gender Studies as object of academic criticism and hate speech. NÄSER-LATHER, Marion</p> <p>Hacking citizens and their communication problems. Ethnographic insights on participatory and project thresholds at citizen hackathons MÜLLER, Peter</p>	<p>Researching the relational and sound’s role in the co-constitution of matter through musicking THORPE, Suzanne</p> <p>Blockchain-based crowdsourcing for natural language data: implementational and ethical challenges MCDONALD, Daniel WANDL-VOGT, Eveline</p> <p>Critical Workshops toward Unpacking Expertise and Explorations of Skill-sharing Tactics FOSTER, Ellen</p>	<p>Open design and innovation for sustainability TISCHNER, Ursula</p> <p>The importance of the positive footprint as mental model of for circular design ESER, Sonja</p> <p>Design and the commons (sharing economy) GRÜNDL, Harald</p>
18:45	<p>Closing remarks – Room Styria GETZINGER, Günter – TU Graz, Science, Technology and Society Unit</p>					

Postersession

AWONIYI, Stephen A.	Modest contemplations in the public sphere of walking and eating
BAUER, Zsofia, FALUDI, Julianna	Gendered representation of pleasure in robotics and construction of human and robot intimacy
GSCHEIDLER, Brigitte	Animal testing in biomedical research – A socioscientific issue at school
KUKLYTE, Jurate	Computer-based digital deviance: analysis of cybercrime costs
LIU, Chao	A Standardized Broker Model in Smart Cities
PETSCHNER, Anna, EGRES, Dorottya	A Sustainable Solution? Arguments for Renewables in the Hungarian Nuclear Energy Debate
RICHMOND, Karen	The construction of DNA profiling evidence within public and private models of forensic service Provision
SAMIR LABIB, Nader	On Standardised UAV Localisation and Tracking Systems in Smart Cities
SORKO, Sabrina Romina	Potentials of Augmented Reality for human resource development
SZUMILAS-KOWALCZYK, Hanna	Potential visual pollution caused by objects using renewable energy sources. Comparison of visual impact assessment criteria for various types of objects using renewable energy sources
VUJIC, Predrag	Digital methods and collaborative empirical work
YAZDI Najmoddin	Strategic Use of International University Rankings' Results for RRI Reflexive Governance