

Preliminary Programme

April 23, 2018

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 ERNST Waltraud , Johannes Kepler University Linz, Institute of Women's and Gender studies Chair: GETZINGER, Günter, TU Graz, Science, Technology and Society Unit					
	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
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: WÄCHTER, Petra	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	Self-archiving and the use of pre-prints in astronomy and mathematics TAUBERT, Niels	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	Science, technology and lived experience in the Global South: viral events, resistance and control VAFAIE, Masha	Doing and thinking technoscience in feminist perspective. Learning from an Italian women's history about feminism, science and Technology ALLEGRINI, Alessandra	One website, few scientists, multiple practices: Social Science Genetic Association Consortium AKYUZ, Kaya	Rethinking the Body as a Network: Drawing Inspiration from Japanese Animated Cyborg Bodies JAKEŠOVÁ, Markéta	Meeting and eating the animal ERMANN, Ulrich
	Deconstructing assumptions about science, society and democracy in PE exercises FAUTZ, Camilo	Provisioning in the digital landscape. Assessing platform-supported ecosystems to foster collaborative commons at urban scale GIORGINO, Vincenzo	How to collaborate in political ecologies of ambivalence? BERGMANN Sven	Physical studios & digital research environments WANDL-VOGT, Eveline	Sex Robots and (Re-)Constructions of Gender KUBES, Tanja	Playing a serious game to visualize the social dimension of cetacean bycatch LAPIJOVER, Alice
	Participatory Development of a SMART Renovation Concept JANY, Andrea				Regular Sex: On the Prospective Regulating of Sex Robots KNOX, Elena	Imaging bio(in)secure aqua- and agriculture situations MADSEN, Linda
12:15 - 13:45	Lunch Break: Reception by the President of the Landtag of Styria, Dr.ⁱⁿ Bettina Vollath, Pallais Attems, Sackstraße 17, 8010 Graz					

Monday, May 7 th							
	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7
14:00 - 15:30 Afternoon Sessions	S29 (1) Reducing resource consumption in food distribution systems – research and practice in an interdisciplinary discussion Chair: KRAMM, Johanna SATTLEGER, Lukas	S13 (2) Degrowth and Digitalisation Chair: WÄCHTER, Petra	S21 Expanding the biosphere: Critical issues for biotechnology, from lab benches to low-earth orbit Chair: MALI, Franc VIDMAR, Matjaž	S35 The fabulous world of STS research Chair: HOFSTÄTTER, Birgit MENZEL-BERGER, Thomas THALER, Anita	S2 Re-configuring computing through feminist new materialism Chair: DRAUDE, Claude KLUMBYTE, Goda	S33 (1) Technical standardisation and STS Chair: JACOBS, Kai	CCCA working group – Consumption based GHG accounting Chair: JUNGMEIER, Gerfried
	Input from theory and practice: Current state of food distribution systems An unloved actor – An Ethnographic study on the role of packaging at retailer level SATTLEGER, Lukas Opportunities for packaging waste reduction in the food retail value chain through zero waste stores GOLDKORN, Frederic KRÖGER, Melanie Students' knowledge and attitude towards plastic fruit packaging LESNY, Andreas, DECKER, Thomas Food waste measurement and prevention in Hungarian households KASZA, Gyula Zero waste stores as attempt to reduce packaging and food waste REINDL, Sarah (Das Gramm – Zero Waste Store, Graz) Resource consumption of alternative food distribution networks like community supported agriculture and foodcoops STEINWENDER, David (Transition Activist, Graz)	Digital commons for degrowth? An empirical case study on a peer production organisation ROBRA, Ben Cryptocurrency of the degrowth BLAŽEK, Jan Digitalization in the Global South: Leapfrogging the development model of the North? FRITZSCHE, Kerstin Transition of the energy sector - The role of ICT KOLLER, Theo	Measuring the Europeanization of the Anti-GM Movement. Evidence from Five EU Countries SEIFERT, Franz Living Laboratories: Space Data and Agriculture VIDMAR, Matjaž Twelve years with genetically modified maize on Czech fields: reality check CHVÁTALOVÁ, Veronika Why the future progress of modern biotechnology depends from well-informed policy decisions: the need to find the balance between research openness and policy control MALI, Franc Whose values, whose science? The role of regulatory science in maintaining scientific controversies in animal feeding studies RACOVITA, Monica	World Café Discussions: Alternative STS research careers and experiences outside the classic academic context Table 1: „A research state of mind“ – about doing STS research without a job in academia (Input and moderation: HOFSTÄTTER, Birgit) Table 2: „My ideal work week“ – questioning the overtime-work ideal in academia (Input and moderation: MENZEL-BERGER, Thomas) Table 3: „How an RRI project changed my life“ – about living an alternative STS career (Input and moderation: THALER, Anita)	Materializing the lines of debate (introductory remarks) DRAUDE, Claude KLUMBYTE, Goda Thinking computational driven knowledge production with the term intuitive Intention FITSCH, Hannah	The normative evaluation of negative emission technologies STELZER, Harald Interdisciplinary research in law and forensic science: a model for paradigm change from ‘silos’ to systems? RICHMOND, Karen Computer-based digital deviance: analysis of cybercrime costs KUKLYTE, Jurate	CCCA Working Group „Consumption based GHG accounting“ JUNGMEIER, Gerfried GHG intensive products of the consumption in Austrian – developing a new integrated methodological framework WINDSPERGER, Bernhard Climcalc – methodology and examples for consumption based GHG accounting of public institutions GETZINGER, Günter Discussion and conclusions
15:30 - 16:00	Coffee Break						

Monday, May 7 th						
	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
16:00 - 17:30 (18:00) Afternoon Sessions	S29 (2) Reducing resource consumption in food distribution systems – research and practice in an interdisciplinary discussion Chair: KRAMM, Johanna SATTLEGER, Lukas	S12 Socio-technical systems in the digitized society Chair: LEMM, Jaqueline MERTENS, Alexander WEIDNER, Robert	S17 Microbial living in the time of antimicrobial resistance Chair: BRIVES, Charlotte REST, Matthäus, SARIOLA, Salla	S28 Moving from thinking in silos to thinking in systems Chair: LARSEN, Morten WEINRICH HANSEN, Mette	S16 Diagnostics after the genome: reconfiguring subjectivities and collectivities Chair: AARDEN, Erik METZLER, Ingrid	S33 (2) Technical standardisation and STS Chair: JACOBS, Kai
	World Café Discussions: Towards a More Sustainable Food Distribution System Table 1: “The Role of consumers in supply chain transformations” (moderated by David Steinwender) Table 2: “Non-conflicting strategies for packaging and food waste reduction along the supply chain” (moderated by Lukas Sattlegger) Table 3: “Upscaling niche innovations and bottom up transformation of supply chains” (moderated by Sarah Reindl) Table 4: “Transdisciplinarity and collaborations between science and practice” (moderated by Johanna Kramm)	Digitizing science, the negativity of knowledge, and its lack of truth PREM, Erich The future of work: investigating existing work system in digital platformsystems SCHÄFER, Katharina Socio-technical systems for digitized workspaces LEMM, Jacqueline The paradox of enhancement in the development of technical support systems WEIDNER, Robert Risk and values: Resolving the social dilemmas arising from the world wide web KAPUR, Rajesh	Jordan’s vanishing dairying cultures, or: How to build a culture bank? REST, Matthäus Bacteriophage viruses, or how to live in the ruins of antibiotic therapy BRIVES, Charlotte The public life of microbes DELGADO, Ana Where species meet: an ethnography of a bacterial vaccine trial in Benin SARIOLA, Salla Locating Resistance: Microbial Knowledges from the Black Queen Hypothesis to the Innovation Ecosystem THOMPSON, Andie	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 Weinrich, KRISTENSEN, Niels “Building the structures?” - Designing sustainable food systems and structures through new partnerships KRISTENSEN, Niels Towards sustainable food systems – A case study from Graz Region PABST, Stephan New food pathways? Municipal developments towards sustainable food strategies WEINREICH HANSEN, Mette	Treating the Infection: hepatitis C in ethnographic perspective LEHNER, Lisa “We all carry something”: reconfiguring genetic identities and reproductive risk prevention through expanded carrier screening WEHLING, Peter Genetic diagnosis: risks and perspectives BARCARO, Rosangela Reimaging care? The emergence of cell free fetal DNA testing in Austria METZLER, Ingrid Precision medicine and its ‘Infrastructures of solidarity’. Probing the social contract in US and EU precision medicine initiatives AARDEN, Erik	Laying ground for responsible standardisation for robotic law FOMIN, Vladislav How to measure air pollution? Technical standardisation and data infrastructure in smog measurement (the case of Poland) WRÓBLEWSKI, Michał WOJCIECH, Goszczyński Standardisation and „good science“ DRUGLITRØ, Tone Innovation by standard? How the EN13201 failed to enhance the LED „revolution“ in lighting SCHULTE-RÖMER, Nona
18:00	Keynote 2 – The Future of Sustainable Buildings 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					
19:30	Dinner sponsored by the Governor of Styria, Hermann Schützenhöfer: Café Rosenhain, Panormagasse 77, 8010 Graz (Bus Departure Café Weitzer - 19:00)					

Tuesday, May 8 th						
09:15 - 10:00	Keynote 3 - Metrics, competition and epistemic capitalism. Shifting valuation practices in the sciences and their consequences FOCHLER Maximilian , University of Vienna, Department of Science and Technology Studies Chair: SPÖK, Armin TU Graz, Science, Technology and Society Unit					
	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
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, Julius Konrad 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 HÖLTL, Andrea	ISASS Project: a multidisciplinary approach to implement RRI in sustainable food systems CAMPANARO, Ausilia RRI evaluation in practice: the specific case of NANO2ALL SCHUIJER, Jantien Conceptualising and observing the evolution of societal benefits from RRI WOOLLEY, Richard 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 assessment 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 A few little pieces of life here, a few pieces there: experiences of scientists in mobility GUIMARAES, Barbara ARAUJO, Emilia	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 MALEKI, Ali
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 Chair: GETZINGER, Günter, TU Graz, Science, Technology and Society Unit					
	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
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 SCHRAMMEL, Maria UNTERFRAUNER, Elisabeth WICHER, Magdalena	S19 Criteria for bioeconomy Chair: LIEBERT, Wolfgang SCHNEIDER-VOß, Susanne	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 SPAETH, 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 ULBRICHT, Lena	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? LANGELAND, Ove 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’ Graz 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 SCHNEIDER-VOß, Susanne 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 Bioeconomy – a new role for sustainable forest indicators? WOLFSLEHNER, Bernhard LINSER Stefanie, PÜLZL, Helga	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 Hidden discrimination in academia MASETKINA, Ekaterina VERVOORTS, Anja 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. BOGA, 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 1	Room 2	Room 3	Room 4	Room 5	Room 6
17:00 - 18:30 Afternoon Sessions	<p>S8 Experimental methods as modes of intervention in the study of STS</p> <p>Chair: FOSTER, Ellen</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: HAFELLNER, Silvia MARSCHALEK, Ilse UNTERFRAUNER, Elisabeth</p>	<p>S34/36 General STS Session</p> <p>Chair: RACOVITA, Monica</p>	<p>S15 Towards digital health</p> <p>Chair: LANG, Martina WIESER, Bernhard</p>	<p>S23 (2) STS - Design - Sustainability</p> <p>Chair: EGGER, Stefanie</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>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, Kostas, BARKOUTA, Dimitra, ARAPOSTATHIS, Stathis</p> <p>Local resistances and governing by tensions by introducing renewable energies in Bulgaria (2006-2017) IVANOV, Martin</p> <p>Community-based renewable energy prosumerism within a steady-state economy: reconfiguring energy consumption and production systems across national landscapes WIESE, Katharina, PONS-SERES DE BRAUWER, Cristian</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>The communication of the future as a matter of SST ARAUJO, Emilia</p> <p>Hacking citizens and their communication problems. Ethnographic insights on participatory and project thresholds at citizen hackathons MÜLLER, Peter</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>Dr. Internet – An analysis of the E-Patient, online search behavior of patients and changes in the doctor-patient interaction MUCKENHUBER, Johanna</p> <p>Ethics of e-health: Mapping the ethical issues in health care digitization VELJANOVA, Hristina</p> <p>Imagaries of acceptance LANG, Martina</p> <p>What do we care? WIESER, Bernhard</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	Closing remarks - TU Graz, Science, Technology and Society Unit - Room Styria					

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
GSCHMEIDLER, Brigitte	Animal testing in biomedical research – A socioscientific issue at school
KUKLYTE, Jurate	Computer-based digital deviance: analysis of cybercrime costs
LABIB, Nader S.	On Standardised UAV Localisation and Tracking Systems in Smart Cities
LIU, Chao	A Standardized Broker Model in Smart Cities
NALBANDYAN, Marine	Increasing the Efficiency of Professional Life and Development of Successful Career of Armenian Women in Academia
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
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