





Programme

Stream: Digitalization of Society	
Stream: Sustainable and Innovative Public Procurement & Ecodesign	
Stream: Towards Low-Carbon Energy and Mobility Systems	
Stream: Gender - Technology - Environment	
Stream: Teaching STS	
Stream: Life Sciences - Biotechnology	
Stream: Science and Society Relationships revisited	









Monday,	6 th of May							
08:00	Registration							
onward								
09:00	Welcome Note - Room Styria: GETZINGER, Günter, Science, Technology and Society Unit, TU Graz							
09:15 -	Keynote 1 - Room Styria: Back to the Future. Why we did, why we do and why we shall do TA, Helge TORGERSEN - ITA/OEAW, Vienna							
10:00	Chair: SPÖK, Armin, Science, Te	Chair: SPÖK, Armin, Science, Technology and Society Unit, TU Graz						
	Room Riverside	Room Nikolai	Room Galerie	Room Deep Purple	Room Atrium	Room Styria		
10:15 -	S2 (1): The politics of	S27 (1): Valuation and	S23: Teaching STS: building	S7 (1): Humans & machines in	S31: Intersectionality in	S5: Technology and the		
11:45	algorithmic governance. Data	epistemic practices	the knowledge basis	healthcare contexts:	research - celebrating	promise of decentralization		
	power and data privacy	Chair: ASDAL, Kristin	Chair: WIESER, Bernhard	interdisciplinary perspectives	equality and diversity	Chair: SCHRAPE, Jan-Felix		
	Chair: EYERT, Florian	FOCHLER, Maximilian	Cilaii. Wiesek, Beriiilaru	Chair: BRUCKSCH, Susanne		Cildii. SCHRAPE, Jaii-Felix		
	IRGMAIER, Florian	TOCTILEN, Maximilian		GRÜNEBERG, Patrick	Chair: ERNST, Waltraud			
	REHAK, Rainer			GROVEDERG, Futher				
	Identity without agency?	How knowledge and	Transformative	Sustaining healthcare in Japan's	The salience of gender, race	Blockchain and the promise		
	How algorithmic authorities	valuation practices travel	Encounters? An Experiment	regions by ICT-based telehealth	and ethnicity for Indian	of decentralization: A		
	strain autonomy and	International mobility and	in Exposing Biotechnology	networks	immigrant women in the	sociological investigation of		
	informational self-	epistemic practice	Students for Knowledge	BRUCKSCH, Susanne	high-skilled workplace	the claim of social change		
	determination	DAVIES, Sarah	about Science-Society	A comparison of past and	JAIN, Sonali	through technology		
	STRAUSS, Stefan	Exploring the role of	Relations	current ethical and social		BECKER, Moritz		
	Creating postulated	researchers as active agents	HESJEDAL, Maria Bårdsen	debates on Al and its	Intersectionality and	Hiding the social - the		
	consumers? On the use of	in the entanglement of	ÅM, Heidrun	contribution to a better	Computer Science Education:	unintended consequences		
	data analytics for consumer	(e)valuation and knowledge	Technological	understanding of concerns	Building sensitivity and awareness	of digitizing socio-technical		
	insight in organisations	production	somnambulism: a key	regarding recent applications of	SPIELER, Bernadette	work		
	VON LAUFENBERG, Roger	FOCHLER, Maximilian	concept for teaching STS?	AI in medical diagnostics	Si illeri, bernadette	JANDA, Valentin		
	Chifting as sigl as atual	SIGL, Lisa	MOHSIN, Anto	SONAR, Arne	Diversity beyond gender	Decentralized blockchain:		
	Shifting social control mechanisms: from the	Good Economics	,	How do healthcare	stereotypes	Idea vs reality		
	normative to a dominance of	ASDAL, Kristin	Teaching the classics: time	practitioners use incident	ERNST, Waltraud	KNAFELC, Žan		
	the cognitive	COINTE, Béatrice	to revise or time to forget?	reporting systems to improve		KNAI LLC, Zaii		
	LINDEMANN, Gesa	,	WIESER, Bernhard	patient safety in Japanese	Gender (in)equality through	Self-driving cars and a		
		Linking measurements and		hospitals? A qualitative study	the lenses of native and	promise of		
	Diversifying the concept of	values in the process of		KODATE, Naonori	migrant researchers in	decentralization: case of		
	control society: decolonial,	knowledge production.			German academia	Russian development of		
	queer-feminist and disability	Infrastructures of knowing in		Empowerment, enhancement	GEWINNER, Irina	self-driving cars		
	studies perspectives on a digitized society	the creation of a scientific article		and cyborgization –ethical implications of heterarchic		RUDENKO, Nikolay		
	WESKOTT, Aljoscha,	HESSELMANN, Felicitas		human-machine relations in		Centralization vs		
	KALENDER, Ute	TIESSELIVIAIVIV, I CIICILAS		the robotic rehabilitation		Decentralization in		
	in the triberty of the	An oracle, pushed to the		system HAL		blockchain: Toward an		
		limits: Norman C. Dalkey		(Hybrid Assistive Limb)		analytical framework		
		attempt to assess the		GRÜNEBERG, Patrick		BOLICI, Francesco		
		correctness of value		-, 23.13.1				





12:15 - 13:45 Monday ,	Lunch Break: Reception by the I	judgments with Delphi procedures, and some reflections on the nature of knowledge in decision processes DAYÉ, Christian President of the Landtag of Styria	, Dr. ⁱⁿ Bettina Vollath, Landhau	s, Herrengasse 16, 8010 Graz		
	Room Riverside	Room Nikolai	Room Galerie	Room Deep Purple	Room Atrium	Room Styria
14:00 - 15:30	S2 (2): The politics of algorithmic governance. Black boxes and governability Chair: EYERT, Florian IRGMAIER, Florian REHAK, Rainer	S27 (2): Valuation, Impact and Valorisation Chair: ASDAL, Kristin FOCHLER, Maximilian	S24: Meaningful science and technology education for kids Chair: HOFSTÄTTER, Birgit THALER, Anita	S7 (2): Humans & machines in healthcare contexts: interdisciplinary perspectives Chair: BRUCKSCH, Susanne GRÜNEBERG, Patrick	S29 (1): Institutionalizing Responsible Research and Innovation (RRI): structural change as a means to institutionalize RRI Chair: KARNER, Sandra PATAKI, György BAJMÒCY, Zoltán	S16: STS perspectives on China's low-carbon energy and mobility systems Chair: KORSNES, Marius TYFIELD, David
	Transparency of algorithmic decision-making: Will trade secrets, copyrights, and patents related to machine learning crush the right to explanation? DE LAAT, Paul The governance of machine learning algorithms: Political and ethical challenges in the field of civil security technology TILLING, Anna Pros and cons of the concept of algorithm TÜV to governance of applied artificial intelligence SCHNEIDER, Diana	Value Work: Doing valorisation in practice SHANLEY, Danielle 'How many jobs has your research created?' Enacting value from Norwegian biotechnology research SOLBU, Gisle, ÅM, Heidrun Evaluating theology: Research impact as particular entanglement of valuation and knowledge practices HOLTROP, Tjitske Meanings of science in the valuation of research on the international space station CASTANO, Paola	Kids4Wearables: from fashion to wearable Technologies HOFSTÄTTER, Birgit The children's manifesto on smartphones OTREL-CASS, Kathrin Experiencing young learners from non-directive schooltype as science project participants. SCHWEIZER, Norbert Students' vision and representation of genderinclusiveness in science PISACANE, Lucio What could possibly go wrong? About evaluating technology education projects THALER, Anita	Japan's experiences in integrating technology and long-term care - practical challenges of collecting dailydata using tablets among family caregivers of communitydwelling older adults with longterm care needs WAKUI, Tomoko Robots vs immigrants? Pepper and the human future of Japanese institutional eldercare WRIGHT, James Can assistive technologies improve quality of life among older people and professionals in care facilities? Investigating the impact of monitoring and communicative robots in Japan KODATE, Naonori	Science Shop as a Surprise - The Institutionalization of an RRI Project MATOLAY, Réka RRI from the bottom-up. The case of a service learning course and its spill- over effects BAJMÓCY, Zoltán Institutionalisation of RRI in research technology organisations - (How) Is change measurable? WICHER, Magdalena Towards RRI as professionalised practice at a Norwegian biotechnology research centre HIMMELSBACH, Raffael	After western capitalism – a Chinese anthropocene? Evidence from China's urban mobility innovation TYFIELD, David Green Energy Transition in China: the Wind and Solar Energy Industries KORSNES, Marius From eco civilization to city branding; How far can a neo-Marxist interpretation of sustainable urbanization take us? DE JONG, Martin





	Algorithmic Selection in Social Media: Risks and Industry Governance. SAURWEIN, Florian SPENCER-SMITH, Charlotte KRIEGER-LAMINA, Jaro				Integrating RRI on an institutional level - experiences from NewHoRRIzon pilot actions MARSCHALEK, Ilse UNTERFRAUNER, Elisabeth SEEBACHER, Lisa Marie Structural challenges and potential openings for RRI in basic research (funding). Experiences from a multistakeholder forum BRANDSTÄTTER, Tamara	
15:30 - 16:00	Coffee Break					
Monday,	6 th of May					
	Room Riverside	Room Nikolai	Room Galerie	Room Styria	Room Atrium	Room Deep Purple
16:00 - 17:30 (18:00)	S2 (3): The politics of algorithmic governance. Emergent epistemic practices Chair: EYERT, Florian IRGMAIER, Florian REHAK, Rainer	S27 (3): Indicators and evaluative practices in academia Chair: ASDAL, Kristin FOCHLER, Maximilian	S21: Engineering education and STS: courses and teaching/learning units on the social and ecological responsibility of engineers Chair: BAIER, André	S1: Technical standardisation and STS Chair: JAKOBS, Kai	S29 (2): Institutionalizing Responsible Research and Innovation (RRI): structural change as a means to institutionalize RRI Chair: KARNER, Sandra PATAKI, György BAJMÒCY, Zoltán	S18: Is the Circular Economy able to transform the built environment in cities? Chair: FOSTER, Gillian
	Al Governance as black box: Public debate, virtue- signaling and the prevalence of business ethics ROBERGE, Jonathan The Accuracy Paradox of Algorithmic Classification FISCHER, Fabian Real-time governance of transportation systems. A simulation study of private transport. KONRAD, Julius CEPERA, Kay	Effects of indicators on knowledge production in astronomy HEURITSCH, Julia Indicators in the wild: contextualisation and participation for 'responsible metrics' RÀFOLS, Ismael Architectural artefacts and peer-reviewed papers. Some reflections on the coproduction of architectural	WORKSHOP Integrating social sciences and humanities into teaching about energy BLEICHER, Alena Building blocks and tesserae: A no-frills integration of an education for sustainable Development in existing (engineering) courses and lectures BAIER, André	Standards for social media archiving and the politics of research data KINDER-KURLANDA, Katharina Towards new standards for trustworthy ICT. A European values perspective GRIESBACHER, Eva-Maria VELJANOVA, Hristina	WORKSHOP Food for degrowth in the Budapest food city lab initiatives SZAKÁL, Diana The sustainability of RRI 'transition experiments': reflections and participants' perspectives KARNER, Sandra PATAKY, György	The environmental impacts of cultural heritage buildings: a circular economy perspective FOSTER, Gillian KREININ, Halliki Circular Economy strategies in the Historic built environment: Cultural heritage Adaptive Reuse GRAVAGNUOLO, Antonia





	On the redistribution of methods in policing DIRKSEN, Vanessa	research and science evaluations in the UK BÖHM, Bernhard On time: How temporalities matter when reviewers evaluate CVs and proposals for the ERC FELDER, Kay A formula for recognition: organisational knowledge practices involved in the evaluation of researchers in LHC collaborations SORGNER, Helene MERZ, Martina	Making 'Responsibility' an Issue of Engineering: A Case Study of 'Blue Engineering' JANSEN, Theresa Blessings of Open Data and Technology: e-Learning Examples on Land Use Monitoring and E-Mobility SIKDER, Sujit Kumar	Artificial intelligence and Bias FOMIN, Vladislav V. Knowledge Transfer in Telecommunications Domain in the EU: ETSI's role in being a Beacon VERGHESE, Zuno George James Elliott and the power battle in developing harmonised European standards STUURMAN, Kees	E-mobility through RRI to achieve the social sustainability: A case study of women commuters of Delhi KUMARI, Swati Towards a global Responsible Research and Innovation (RRI): research and innovation practitioners on global experiences with RRI-like dimensions RACOVITA, Monica Looking forward, looking Back: The case for a history of responsible research and innovation SHANLEY, Danielle Responsible research into the lives of older people: amultilevel analysis of care opportunities and challenges GRIMPE, Barbara	The circular character of building tradition: Which challenges for the HUL approach? ACRI, Marco Embracing circularity. Individual factors in implementing innovation ROSZCZYNSKA-KURASINSKA, Magdalena DOMARADZKA, Anna Circular economy concepts for cultural heritage adaptive reuse implemented through smart specializations strategies STANOJEV, Jermina
18:00 - 18:45 19:30	Artificial Intelligence - A Transformative Force: Facing the Challenges ahead! Sabine Theresia KÖSZEGI, Institute of Management Science, TU Wien Chair: GETZINGER, Günter, Science, Technology and Society Unit, TU Graz Dinner - Rooftop Mensa, Stremayrgasse 16, 8010 Graz, co-sponsored by the Govenor of Styria, Hermann Schützenhöfer					





Tuesday, 7 th of May							
	The peripherical challenge. Territorial justice and new forms of mobility. Aglaée DEGROS, Institute of Urbanism, TU Graz						
	Chair: WIESER, Bernhard, Science, Technology and Society Unit, TU Graz						
	Room Riverside	Room Nikolai	Room Galerie	Room Atrium	Room Styria	Room Deep Purple	
10:15 - 11:45	S12: Towards a second stage of energy transition? Sociotechnical dimension of sector coupling Chair: KEMMERZELL, Jörg NEUKIRCH, Mario The governance of sector coupling. Challenges of inventing the second phase of the German 'Energiewende' KEMMERZELL, Jörg Observing converging infrastructures BÜSCHER, Christian Analysing expert networks in the climate-, energy-, mobility- and consumernexus HAUS Juliane Energy transition without Societal Change? The blind spot of the current Debate on 'Sector Coupling' NEUKIRCH, Mario	S27 (4): Valuing Food, Environment & Health Chair: ASDAL, Kristin FOCHLER, Maximilian What a difference a date makes – value, knowledge and the expiration date of food PLASIL, Tanja Seeing like a startup: How field knowledge is produced at the site of an agricultural high-tech company HEIMSTÄDT, Cornelius The freedom to choose between regimes of valuation – does it exist? BLEICHER, Alena The cut-off problem: epistemic controversy and the justification of healthcare rationing HAUGE, Amalie Martinus	S3 (1): Socio-technical challenges of health technologies Chair: OLOFSSON, Jennie MALI, Franc The location of health in the digital knowledge Landscapes GAJOVIC, Srecko General data protection regulation in healthcare: a revolution for patients, clinicians and technologies BELLA, Giampaolo Code your own pancreas: technology assessment and sociological perspectives on the visions of do-it-yourself artificial pancreas systems in type 1 diabetes therapy JANSKY, Bianca WOLL, Silvia Impact of online health communities on transformation of doctorpatient relationship ATANASOVA, Sara	S19 (1): It's time for structural change, sister! Chair: DAHMEN-ADKINS, Jennifer, RATZER, Brigitte, WROBLEWSKI, Angela, THALER, Anita What we actually mean by 'co-producing gender equality knowledge together' DAHMEN-ADKINS, Jennifer KARNER, Sandra Gender- and Diversity-Trainings in academia: difficulties and potentials HORVATH, Lisa BLACKMORE, Sabine Building gender equality through communities of practice: how to structure the CoPs and to evaluate outcomes? GODFROY, Anne-Sophie Mapping activities and needs of GE-practitioners: First results of the ACT community mapping survey on GEP Activities in the EU 28 REIDL, Sybille, SCHÖN, Lisa Community of practice – a key factor of a reflexive gender equality policy. First experiences of TARGET WROBLEWSKI, Angela	S25: Genome editing: revolution or another incremental step in the life sciences? Chair: LANG, Alexander SPÖK, Armin Biohacking as possible playground for genome editing DERNDORFER, Daniel PÖCHLAUER, Caroline Ethical and technical challenges in genome editing: A qualitative study with researchers RAMOS, Pedro Gene drive - a game changing technology? HAMMER, Caroline SPÖK, Armin In hope for ignorance? A popitzean assessment of the current regulation of genome editing in EU agriculture DAYÉ, Christian	S10: Food water energy nexus and sustainable urban governance Chair: GOSZCZYNSKI, Wojciech, WRÒBLEWSKI, Michał SUNEX approach for addressing the FWE-nexus and its proposed policy guidelines to support sustainable urban governance HAINOUN, Ali LUDLOW, David The importance of nexus approach to water-energy-food security for transitional and resource-rich countries KARATAYEV, Marat FWE nexus in three cities. A governance analysis GOSZCZYŃSKI, Wojciech, LABORGNE, Pia, SUCHOMSKA, Joanna, WRÓBLEWSKI, Michał Designing for multi-stakeholder analysis of tradeoffs in water-energy-food nexus. KOROLEVA, Ksenia	







12:15 -	Lunch Break: Reception by the Mayor of Graz, Mag. Siegfried Nagl, City Hall, Hauptplatz 1, 8010 Graz							
13:45								
14:00 -	Poster Session - Room Styria							
14:50	Chair: GETZINGER, Günter, Science, Technology and Society Unit, TU Graz							
	BRUDERMANN, Thomas, ZAMAN, Rafia	Energy in the global south: Green or grey transition?						
	DERNDORFER, Daniel	Open bioLab Graz Austria - The local Biohackspace						
	FINKBEINER, Timo	Evaluation project STEM-3D-printing aspects and considerations on the development of an evaluation design						
	FOSTER, Gillian	Circular Economy Strategies for Adaptive Reuse of Cultural Heritage Buildings to Reduce Environmental Impacts						
	KARATAYEV, Marat	Bioenergy in Kazakhstan in a water-land-energy nexus perspective						
	KRAWUTSCHKE, Matthias	CfP: Applying artificial intelligence on vulnerable target groups: chances and challenges						
	LOPEZ, Paola	Reinforcing intersectional inequality via the AMS algorithm in Austria						
	ORLOWSKI, Alexander	Autonomous driving: safety, but only for the western Hemisphere						
	RANIERI, Francesco Saverio	Digital governance of labour market: the building of an informative infrastructure for labour market policy in Italy						
	SCHUBOTZ, Wiebke	Gender equality within the max planck society: Stories from the road						
	SIEBERT, Scarlet	Embodied Artificial Intelligence: Applying Social Robots on Children						
	THALLER, Annina	Towards a low-carbon energy transition of urban mobility from a consumer perspective						
	TYAGI, Abhinav	Evolution of biotechnology in India: (Re) emergent form of governance						
	WEBER, Ines	Gender equality in marine sciences. Best practices on structural change						





Room Deep Purple
S11: STS - Design –
Sustainability
CL : FOOTB C: 1 :
Chair: EGGER, Stefanie
Smart Spaces – Towards a
Smart-Spatial-Nexus in
Urbanism
RADULOVA-STAHMER,
Radostina
Can emerging research in
design benefit from STS?
JANDA, Valentin
Re-visiting and re-entangling
science, technology and
society(STS): Constructing
inclusive sustainability
SHARMA, Kirti
The tacit dimensions of
design
EGGER, Stefanie







Tuesday	Tuesday, 7 th of May							
	Room Riverside	Room Nikolai	Room Galerie	Room Atrium	Room Styria	Room Deep Purple		
16:30 - 17:00	Coffee Break							
17:00 - 18:30	S17 (2): The role of users in energy transition: What do we know, what should we know? Chair: ORNETZEDER, Michael, SUSCHEK-BERGER, Jürgen User innovators in the	S6: Exploring critical and engaged approaches for investigating the complexities of digital health Chair: MARENT, Benjamin The recruitment 'Call' into	S4: Applying artificial intelligence on vulnerable target groups: chances and challenges Chair: SCHNEIDER, Diana SIEBERT, Scarlet	S19 (3): It's time for structural change, sister! Chair: DAHMEN-ADKINS, Jennifer, RATZER, Brigitte, WROBLEWSKI, Angela, THALER, Anita	S14: The spatialities of waste Chair: OLOFSSON, Jennie VIDMAR, Matjaz Electronic waste in an urban	S28: The uptake of open science Chair: WIESER, Bernhard ROSS-Hellauer, Tony		
	energy transition: The case of VLOTTE ORNETZEDER, Michael The electric driver-car assemblage: Users in the electric mobility transition ANFINSEN, Martin Gender discourses and user scenarios around e-mobility WOLFFRAM, Andrea	the digital lifesaving technology and its users' response: Volunteers' entry paths into their emergency work RYCZER, Malgorzata Exploring the functional and relational affordances of technologically mediated consultations in HIV care MARENT, Benjamin Exploring affect in humantechnology interactions with an mHealth-based HIV self-testing strategy in South Africa and Canada JANSSEN, Ricky Data is potential agency: turning subjects into objects by means of algorithms OCHS, Carsten	The Principle of integrated research on the example of decision support systems in the context of social work SCHNEIDER, Diana Socio-technical imaginaries as drivers and indicators of discrimination and inequality regimes HOUBEN, Daniel Should Artificial Intelligence be used to empower people with profound intellectual disabilities? KOSIEDOWSKI, Michal	Input: Dance with resistance RATZER, Brigitte Open fishbowl conversation	Indian household: out of space (place), out of mind BORTHAKUR, Anwesha From closet-fill to toxic sublime: The aesthetics of e-waste ANDERSSON, Linus Risk or resource? Trade of electronic waste OLOFSSON, Jennie Cleaning outer space: Is normalising the problem with every-day metaphors stopping us from doing anything about it? VIDMAR, Matjaz	Communicating scientific results in a 'post-truth' era REDEY, Soma Living labs as co-creation spaces between academia, industry and the public: Insights from two Swiss case studies SENTIC, Anton ISKHAKOVA, Yanina Citizen expertise in the controversy surrounding the monitoring of former uranium mines HADNA-BREMAND, Saliha Replication, reproducibility, and the end of theory: implications of data-centric research practice REICHMANN, Stefan The uptake of open science in policy-making WIESER, Bernhard ROSS-HELLAUER, Tony		
18:45	Closing remarks – Room Styria Participate in real-time voting! GETZINGER, Günter, Science, Technology and Society Unit, TU Graz							