

Global conference programme

Wednesday, 1 June	Thursday, 2 June	Friday, 3 June
	9:00-10:30 Parallel Session IV	9:00-10:30 Plenary Keynote (Aula): <i>Futuring, Philine Warnke</i> Announcement Eu-SPRI 2023
10:00 Registration ( <a href="#">Utrecht University Hall</a> )	10:30-11:00 Break (Pandhof)	10:30-11:00 Break (Pandhof)
11:00-12:30 Parallel Session I	11:00-12:30 Parallel Session V	11:00-12:30 Parallel Session VIII
12:30-13:30 Lunch (Torenzaal - Theaterschool)	12:30-13:30 Lunch (Torenzaal - Theaterschool)	12:30-13:30 Lunch (Torenzaal - Theaterschool)
13:30-13:45 Plenary Welcome (Aula): <i>Wilco Hazeleger,</i> <i>Dean Geosciences, UU</i>	13:30-14:45 Plenary Keynote (Aula): <i>Digitalization, Haroon Sheikh</i>	13:30-15:00 Parallel Session IX
13:45-15:00 Keynote (Aula): <i>Open Science,</i> <i>Frank Miedema</i>		
15:00-15:15 Break (Pandhof)	14:45-15:00 Break (Pandhof)	15:15-15:30 Goodbye plenary (Aula)
15:15-16:45 Parallel Session II	15:00-16:15 Networking session Parallel Session VI	
16:45-17:15 Break (Pandhof)	16:15-16:45 Break (Pandhof)	
17:15-18:15 Parallel Session III	16:45-18:15 Parallel Session VII	
18:15 Reception ( <a href="#">Paushuize</a> )	19:30 Dinner ( <a href="#">Winkel van Sinkel</a> )	

## Eu-SPRI 2022 Conference – Parallel session overview (v. 30-05-2022)

			Academy Building (Academiegebouw)					Cervantes Institute	Theater School	
DAY	Time	Session slot (min)	Aula	B. van Zuylenzaal	Kanunniken-zaal	Zaal 1636	Westerdijk-kamer	Grote Zaal	Theaterlokaal 017	Theaterzaal
WED	11:00-12:30	90 Parallel Session I	23.1	1.1	24.1	10.1	15.1	27.1	-	13.1
WED	15:15-16:45	90 Parallel Session II	23.2	1.2	26.1	10.2	15.2	17.1	7.1	13.2
WED	17:15-18:15	60 Parallel Session III	SAB	1.3	7.2	10.3	19.1	-	-	-
THU	09:00-10:30	90 Parallel Session IV	23.3	3.1	2.1	10.4	15.3	27.2	8.1	14.1
THU	11:00-12:30	90 Parallel Session V	23.4	3.2	26.2	9.1	15.4	27.3	6.1	14.2
THU	15:00-16:15	75 Networking / Parallel Session VI	TASK-I	26.3	-	9.2	RISIS	-	-	-
THU	16:45-18:15	90 Parallel Session VII	23.5	20.1	-	9.3	18.1	12.1	5.1	11.1
FRI	11:00-12:30	90 Parallel Session VIII	23.6	8.2	16.1	24.2	19.2	12.2	11.2	14.3
FRI	13:30-15:00	90 Parallel Session IX	23.7	-	16.2	25.1	-	12.3	11.3	-

Track nr.	SPECIAL SESSION TRACKS	Track organizers
1	The role of science for policy: new requirements and new challenges	Magnus Gulbrandsen, Jakob Edler, Jordi Molas-Gallart, Silje Tellmann
2	Forward-looking activities (FLA) for STI policies	Per Dannemand Andersen, Attila Havas, Mathias Weber
3	The future of science: exploring the relationship between digitalisation and scientific practices	Barbara Ribeiro, David Barbera
5	Ethics and politics of science, technology and innovation policy	Lukas Fuchs, Theo Papaioannou
6	Accounting for justice in transformative innovation policy	Linda Widdel, Stephanie Daimer, Katharina Schiller, Minna Kaljonen, Annika Lonkila
7	Diversity and inclusion in transition research and policies	Anne Kantel, Sabine Preuss, Joy Clancy, Mariëlle Feenstra
8	Connections between transforming STI policy and geopolitics, positive and negative security, and global justice	Paula Kivimaa, Jakob Edler
9	Responsible Research and Innovation as a toolkit: indicators, application, and context	Tobias Buchmann, Patrick Wolf, Matthias Müller, Michael Schlaile, Marion Dreyer, Frank Dratsdrummer, Bianca Witzel
10	Transformative innovation policy and the institutionalisation of responsible research and innovation	Peter Biegelbauer, Petra Wagner, Mika Nieminen, Ralf Lindner, Philine Warnke, Simon Fielke
11	Steering research for the Sustainable Development Goals (SDGs)	Hugo Confraria, Valeria Arza, Tommaso Ciarli, Ed Noyons, Ismael Rafols
12	The geographies of challenge-led and mission-oriented innovation policies	Markus Bugge, Teis Hansen, Markus Steen, Elvira Uyarra
13	Covid-19 recovery, sustainability transitions and innovation policy	Paula Kivimaa, Sylvia Schwaag-Serger, Matthias Weber
14	Transformative social innovation in sustainability and health	Tineke Kleinhout-Vliek, Wouter Boon, Jarno Hoekman, Effie Amanatidou, Sabine Hielscher, Katrin Ostertag, Tanja Kaufmann, Jürgen Howaldt, Karoline Rogge
15	Joint OECD-JRC session on policy intelligence for system-level innovation for sustainability and societal transformation	Dimitris Pontikakis, Michael Keenan
16	The space sector in transformation: new challenges for policy and governance at the nexus of space, commercialisation, and sustainable development	Douglas Robinson, Xiao-Shan Yap
17	The role of standards and regulation in fostering innovation	Paul Wiegmann, Jaime Bonnin Roca, Kai Jakobs, Parth Vaishnav
18	Governance of digital ecosystems	Irene Niet, Anne Marte Gardenier
Track nr.	OPEN TRACKS	
19	Digital technologies, platforms and business model innovations	
20	Open science and the changing governance of science	
21	Research infrastructures: open data, big data, and new research avenues for STI studies	
22	Futuring and Foresight	
23	STI policy for societal challenges: policy design, implementation and evaluation	
24	The impact of STI policy: new indicators and approaches	
25	Social innovation: enabling factors and existing practices	
26	Globalization and the geography of knowledge and innovation	
27	STI policies, coproduction and transformations	

Date	Session	Session Chair	Paper ID	Presentation author(s)	Presentation title	Type
WED 11:00- 12:30	1.1 - Science policy interaction I	Magnus Gulbrandsen	214	Jakob Edler, Maria Karaulova and Erlend Osland Simensen	How do institutional conditions influence research use by policymakers?	Full paper
			215	Kari-Elisabeth Skogen, Erlend Osland Simensen, Magnus Gulbrandsen and Taran Mari Thune	BUGs in the system – Government officials as brokers, users and gatekeepers of research	Full paper
			203	Matthias Huegel, Philip Doerr and Martin Kalthaus	Where it all began: Transfer Opportunity Recognition by Scientists and their Choice of Transfer Channels	Speed talk
	10.1 - Transformative innovation policy and RRI	Peter Biegelbauer	120	Douglas Robinson, Mireille Matt and Renée van Dis	Implementing Missions on the ground: Where transformative policy and RRI meet.	Full paper
			25	Martijn Wiarda, Vladimir Sobota, Matthijs Janssen, Geerten van de Kaa, Emad Yaghmaei and Neelke Doorn	Public Participation in Mission-Oriented Innovation Projects	Full paper
			248	Magdalena Wicher, Richard Woolley, Jordi Molas-Gallart and Shauna Stack	Transformative Innovation Policies (TIPs) in translation from theory to practice	Full paper
	13.1 - Covid-19 recovery	Sylvia Schwaag-Serger	175	Karl Matthias Weber, Bernhard Dachs, Sylvia Schwaag-Serger, Lennart Stenberg, Daniel Johannson, Paula Kivimaa, David Lazarevic and Jari Lukkarinen	The transformative potential of COVID-19 recovery packages: A multi-level and multi-policy domain perspective	Full paper
			43	Paula Kivimaa, Jani Lukkarinen and David Lazarevic	Analysis of Covid-19 Recovery and Resilience Policy in Finland: A Transformative Policy Mix Approach	Full paper
			82	Mika Naumanen	Covid-19 pandemic's impacts on innovation collaboration	Speed talk
	15.1 - Policy intelligence for system-level innovation	Dimitrios Pontikakis	153	Anabela Santos, Javier Barbero, Olga Diukanova, Simone Salotti and Dimitrios Pontikakis	On the road to a 'Competitive Environmental Sustainability': How can European funds support regions in the transition?	Full paper
			163	Sergey Kolesnikov, Gabriel Chan, Anna Goldstein, Laura Diaz Anadon and Venkatesh Narayanamurti	Technology Spillovers as Drivers of Clean Energy Innovation: Mechanisms, Enablers and Policy Implications	Full paper
			227	Ivan Nechaev and Daniel Hain	Methodology of extraction of social effects reflected in CSR reports	Full paper
	23.1 - Evaluating transformative innovation policies	Florian Roth	49	Alejandra Boni, Jordi Molas-Gallart, Diana Velasco, Pablo F. Mendez, Paulina Terrazas and Johannes Schot	Evaluating transformative innovation policy from a formative approach. Insights from two experimental engagements	Full paper
			54	Tessa Mauw, Jonas Torrens, Mansi Jain and Martijn van den Hurk	New advances in evaluating urban experimentation	Full paper
			59	Florian Roth, Ralf Lindner, Miriam Hufnagl, Florian Wittmann and Merve Yorulmaz	Insights from the Scientific Support Action to the German High-Tech Strategy 2025	Full paper
	24.1 - Findings from evaluating STI policies	Franz Barjak	81	Sergio Barbosa, Patricio Sáiz and José Luis Zofio	The Emergence of Innovation Networks: Patents, Collaboration, and National Innovation Systems in the European Periphery over the Long Term	Full paper
			124	Franz Barjak	Linking science and innovation through student-mediated knowledge exchange	Full paper
			103	Vladislav Cadil, Ondrej Dvoulety and Tomas Ratering	Research, Development and Innovation Strategies of Enterprises in Business R&D Support Programmes, the Case of the Czech Republic	Speed talk
			202	Juan Aparicio, Javier Barbero, Jon Mikel Zabala-Iturriagoitia and Jose Luis Zofio	Which are the bottleneck that constrain European innovation performance?	Speed talk
	27.1 - STI policies and co-production	Vassilis Galanos	225	Enza Lissandrello, Rasmus Nedergård Steffansen and Lasse Schytt Nørgaard	Knowledge Co-production on Air Quality – The Role of Planning Research in Participatory, Healthy, and People-Centered Cities	Full paper
			97	Vassilis Galanos	Why so Few AI Practitioners in AI Policy? Specialist Views on Questions of Control, Regulation, and Participation in Highly Promissory Environments.	Full paper
171			Hazal Baytok, Nicolas Jullien and Müge Özman	The Feedback Loop Between the Online Citizen Science Platforms and Their Participants: An Empirical Study of How Institutions and Motivations are Shaped	Speed talk	
99			Janina Käyhkö, Kaisa Korhonen-Kurki, Mikael Hilden and Sirkku Juhola	Emerging forms of institutionalising user engagement in science: knowledge co-production in strategic research in Finland	Speed talk	

WED 15:15- 16:45	1.2 - Funding policy and impact	Jakob Edler	179	Silje Tellmann and Magnus Gulbrandsen	Demanding research: an analysis of contract research in policymaking	Full paper
			164	Joshua Moon, Frederique Bone, Duncan Moore, Kate Jones and Michael Hopkins	Connecting capabilities: A role for specialist knowledge exchange professionals in boundary-spanning university research projects	Full paper
			150	Thomas Zacharewicz, Noemí Pulido Pavón and Benedetto Lepori	Funding modes and university research performance A multilevel analysis	Full paper
	10.2 - Transformative innovation policy and RRI	Mika Nieminen	243	Peter Biegelbauer, Petra Wagner and Katharina Berger	Experiences with institutionalizing responsible research performing and funding	Full paper
			199	Stephanie Daimer, Hendrik Berghäuser and Ralf Lindner	The Institutionalisation of a New Paradigm at Policy Level	Full paper
			96	Bart Walhout, Kornelia Konrad and Stefan Kuhlmann	Making a difference? – Nanotechnology governance, Responsible Innovation and the quest for transformative change	Full paper
	13.2 - Covid-19 recovery	Paula Kivimaa	241	Markus Trunschke, Bettina Peters, Dirk Czarnitzki and Christian Rammer	COVID-19 and Innovation: Long COVID for German Innovation Activities?	Speed talk
			233	Leticia Müller and Jochen Markard	Analyzing net-zero policy mixes from a sustainability transitions perspective	Full paper
			123	Susanne Giesecke and Dana Wasserbacher	Future Roadmaps of Consumption in the EU	Speed talk
	15.2 - Policy intelligence for system-level innovation	Guia Bianchi	207	Dimitrios Pontikakis, Ignacio Gonzalez Vazquez, Guia Bianchi, Marina Ranga, Solange Mifsud, Ramojus Reimeris, Anabela Marques Santos and Carmen Madrid	Innovation Strategies for Sustainability (S4)	Full paper
			213	Michael Keenan	Transitions in strategic intelligence: developing the knowledge base for STI-enabled sustainability transitions	Full paper
			122	Dominique Guellec, Paresa Markianidou, Lena Tsipouri and Joseba Sanmartín	The IntelComp Platform: A Policy Intelligence Tool for Transformative STI Policies	Speed talk
			64	Sarah Seus and Elisa Wallwaey	SIPER: the Science and Innovation Policy Evaluations Repository: what is it and what can be done with it?	Speed talk
	17.1 - The role of standards and regulation in fostering innovation	Paul Wiegmann	21	Knut Blind and Florian Münch	Rules and innovation in a globalising economy: Do standards and regulations affect innovation differently?	Full paper
			300	Paul Wiegmann, Doyoung Eom, Henk de Vries	Measuring Societal Impact of Standards	Full paper
			301	Jaime Bonnin Roca	The role of regulators as innovation intermediaries	Full paper
	23.2 - Research evaluation and societal impact	Jordi Molas-Gallart	148	André Brasil, Joviles Vitorio Trevisol and Leonie van Drooge	Research evaluation in Brazil and The Netherlands: A comparative study	Full paper
			80	Jordi Molas-Gallart and Richard Woolley	Research impact seen from the user side	Full paper
			86	Kristin Oxley	Grant peer review panels evaluating interdisciplinary research – a stumbling block for effective STI policy for societal challenges?	Speed talk
	26.1 - Relatedness, diversification and skills	Carolina Castaldi	251	Carlos Montalvo	Innovation social value optimisation: Behavioural additionality, impact assessment and policy roadmapping	Speed talk
			84	Indira Yarullina	Structure and dynamics of regional research landscape	Full paper
			143	Mariane Santos Françoso, Ron Boschma and Nicholas Vonortas	Regional diversification in Brazil: patterns and policy prospects	Full paper
	7.1 - Diversity and inclusion in transitions	Anne Kantel	56	Carolina Castaldi and Kyriakos Drivas	Innovation and Regional Branching: an Exploration of Technological, Design and Market Activities	Full paper
			48	Riina Bhatia, Maria Merisalo, Nina Rilla and Tuisku Salonen	From persisting gender inequality to inclusion in research and innovation content: challenging the gender equality norm in the STI fields	Full paper
73			Amanda Martinez Reyes and Jenny Lieu	A transdisciplinary approach to redefine the roles, identities, and experiences of diverse stakeholder groups in regional energy transitions	Full paper	
			90	Lucio Morettini and Massimiliano Tani Bertuol	Gender and career progression in academia: European evidence	Full paper

<b>WED</b> <b>17:15-</b> <b>18:15</b>	Stakeholder Advisory Board (SAB) session	Philippe Larrue		SAB members: Tatiana Fernandez Sirera Christian Naczinsky Antti Pelkonen Sylvia Schwaag Serger		
	1.3 - Science policy interaction II	Silje Tellmann	108	Michael P. Schlaile, Matthias Mueller, Stephanie Lang, Matthijs Janssen, Iris Wanzenböck, Kristina Bogner, Michael Schramm and Andreas Pyka	From linear policy to tackling wicked problems: A methodological reflection on the implications of the normative turn	Full paper
			98	Eva Marina Valencia Leñero, Michel Nader Sayún, Ricardo Gómez Zamudio, Alejandro Jiménez Montes, Brenda Zetune Calderón and Moisés R. Rebollar Guagnelli	Multi-stakeholder urban coalitions as platforms for governance processes: Mexico City's Tricolor Coalition Action-Research Case Study	Speed talk
	10.3 - Transformative innovation policy and RRI	Petra Wagner	249	Roger Strand, Thomas Völker, Sissel S. Aasheim, Magdalena Wicher, Anne Bremer & Kjetil Rommetveit	Transformative Translations?	Full paper
			198	Attila Havas	Interactions among societal and professional RTDI actors in four different futures	Speed talk
	19.1 - Digital technologies and sustainability transitions	Katherine Lovell	137	Tuukka Mäkitie, Jens Hanson, Sigrid Damman and Mari Wardeberg	On the role of digital innovation in sustainability transitions	Full paper
67			Elisabeth Eberling	Assessing the sustainability of a digital eco-innovation	Speed talk	
236			Katherine Lovell	Digital Twinning for infrastructure transformations: opportunities for policy and sustainability?	Speed talk	
7.2 - Diversity and inclusion in transitions	Joy Clancy	94	Anne Kantel, Sabine Preuß and Maria Stadler	Voicing a Diversity of Needs: The role of intermediaries in designing and implementing diverse and inclusive energy transition policies	Full paper	
		146	Susan van der Veen, Lotte Asveld, Cedric Heijdens and Patricia Osseweijer	Designing inclusive bio-based value chains: Involving local stakeholders through capability sensitive design	Full paper	

Date	Session	Session Chair	Paper ID	Presentation author(s)	Presentation title	Type
<b>THU 09:00-</b> <b>10:30</b>	10.4 - Transformative innovation policy and RRI	Ralf Lindner	169	Philip Shapira, Claire Holland, Priscila Ferri de Oliveira and Adam McCarthy	Innovation intermediaries at the convergence of digital technologies, sustainability, and system governance.	Full paper
			40	Raúl Tabarés, Ezekiel Arrabalaga and Hanna Kuittinen	Understanding conditions for implementing Responsible Research and Innovation (RRI) into regional innovation ecosystems: The case of Cantabria	Full paper
			200	Seyedesmaeil Mousavi	Research Policies and Policy Instruments for Developing and Facilitating Transformative Research at Universities	Full paper
	14.1 - Transformative social innovation	Katrin Ostertag	93	Ambra Giuliano and Francesco Gerli	Navigating Just Transitions: a systematic literature review	Full paper
			193	Stefan Philipp	Transformation in healthcare: A social innovation perspective on the interaction of technological and organisational change	Full paper
			209	Bonno Pel, Ariane Debourdeau, Kemp Rene, Adina Dumitru, Edina Vadovics, Martina Schaefer, Marianna Markantoni, Benjamin Schmid, Frances Fahy, Aurore Fransolet and Karin Thalberg	Energy Citizenship; Ideals, Ideal types and Ideology in the Energy Transition	Full paper
	15.3 - Policy intelligence for system-level innovation	Philippe Larrue	7	Amber Geurts, Frans Van Der Zee and Vincent Baarslag	Challenge-driven evaluation: policy evaluation for societal challenges	Full paper
			127	Eloi Bigas, Nicolau Duran-Silva, Enric Fuster, César Parra-Rojas, Ruggero Cortini, Francesco Massucci, Arnau Quinquillà, Tatiana Fernández, Montserrat Romagosa and Marta Cortijo	Monitoring challenge-oriented smart specialisation. Opportunities and limitations of open data and semantic techniques. The case of Catalonia.	Full paper
			126	Carolina Resende Haddad and Anna Bergek	Additionality for transformative change: attribution through contribution?	Full paper

	2.1 - Forward looking for STI	Per Dannemand Andersen	217	Ewa Dönitz, Björn Moller, Ariane Voglhuber-Slavinsky and Anna Kirstgen	Innovation and technology roadmaps as a tool for policy making	Full paper
			238	Sergio Salles-Filho, Nicholas Vonortas, Laurent Bach, Marie-Louise Eriksson, Kleinsy Bonilla, Adriana Bin and Yohanna Juk	Planning and reorienting funding agencies: international evidence and trends	Full paper
			208	Attila Havas, Matthias Weber, Susanne Giesecke and Dana Wasserbacher	Context scenarios to underpin EU R&I policies	Speed talk
			53	Per Dannemand Andersen and Antti Silvast	Stakeholder inclusion in estimating future techno-economic data for energy technologies for long-term energy planning	Speed talk
	23.3 - Diffusion policies for transformative change	Wouter Boon	52	Stephanie Francis Grimbert, Jon Mikel Zabala Iturriagoitia and Ville Valovirta	Implementing innovation-related public procurement: ordinary, dynamic and functional capabilities	Full paper
			70	Douglas Robinson, Susana Borràs and Boon Wouter	Reimagining the diffusion of innovation: generalisation as a key element of policies for transformative change	Full paper
			83	Matthijs Janssen, Joeri Wesseling, Jonas Colen Torrens, Matthias Weber and Caetano Penna	Missions as a boundary object in umbrella frameworks: The case of the Dutch Mission-oriented Topsector and Innovation Policy	Full paper
	27.2 - Transformative innovation policies	Jan Fagerberg	114	Susana Borràs, Stine Haakonsson, Christian Hendriksen, Trine Pallesen, René Taudal Poulsen and Lucas Somavilla	Conceptualizing the Roles and Capacity of Public Organizations in the Governance of Sustainability Transitions. A Literature Review	Full paper
			35	Caetano Penna, Johan Schot, Diana Velasco and Jordi Molas-Gallart	"Transformative" Mission-Oriented Policies: a conceptual framework and case study	Full paper
			136	Jan Fagerberg	Mobilizing innovation policy in the pursuit of net-zero emissions	Full paper
	3.1 - Future of science	Barbara Ribeiro	253	Stefano Bianchini, Moritz Muller and Pierre Pelletier	AI in science: An emerging method of invention	Full paper
			174	Priscila Ferri de Oliveira	The impact of artificial intelligence on scientific collaboration: Setting the scene for a future research agenda	Full paper
			37	Simon Schmitz and Dilâra Dayakli	Navigating Change- Introducing the DLR-PT Strategic Impact Navigation Assessment Model	Speed talk
	8.1 - STI policy and geopolitics	Paula Kivimaa	42	Caetano Penna	Geopolitics and the economics of innovation: a "New" Political Economy of Technological Innovation Strategies in the Post-Pandemic World?	Full paper
			11	Matthew Sample	Reformulating the Global in Cosmopolitan Governance of Technoscience	Full paper
<b>THU 11:00-12:30</b>	14.2 - Transformative social innovation	Effie Amanatidou	51	Jakob Edler, Katrin Ostertag and Johanna Schuler	Social innovation, transformation and public policy	Full paper
			223	Julino Soares, Claudio Cordovil, Marina Borba and Fernando Aith	Civil Society in the Public Policy Arena: meetings and disagreements of organizations representing patients with rare diseases in Brazil	Speed talk
			131	Tineke Kleinhout-Vliek, Wouter Boon, Rob Hagendijk, Jarno Hoekman and Ellen Moors	Legitimising Dutch Social Pharmaceutical Innovation	Full paper
			119	Karina Maldonado-Mariscal	Regional Innovation Policy in Mexico: Towards Social Innovation Ecosystems	Speed talk
	15.4 - Policy intelligence for system-level innovation	Michael Keenan	130	Douglas Robinson, Mireille Matt and Matthias Weber	Strategic Intelligence for mission-oriented STI policy making: are new requirements and new capacities needed?	Full paper
			65	Susana Borràs, Francesco Gerli and Susanna Kugelberg	Public Organizations' Anticipatory Capacity in the Governance of Transformative Innovation for Sustainable Transitions	Full paper
			129	Bart Hollants, Maryse Chappin, Matthijs Janssen and Ellen Moors	Dual use innovation: a systematic literature review and research agenda	Speed talk
23.4 - Science governance and research policies	Philip Doerr	31	Emanuela Reale, Antonio Zinilli and Andrea Spinello	The diversity of policy instruments for public R&D funding: the role of Research Councils	Full paper	
		111	Manuel Pereira-Puga and Luis Sanz-Menéndez	Research centres funding schemes as instruments for university change: Their policy and institutional barriers	Full paper	
		186	Marius Berger and Johannes Bersch	Outside Equity and Startup Innovation: Evidence from the German INVEST Program	Speed talk	
		201	Philip Doerr, Maximilian Goethner and Uwe Cantner	TTO-Scientist Interaction and Academic Spin-Off Creation	Speed talk	

	26.2 - Geography, relatedness and complexity	Ron Boschma	57	Nico Pintar, Jürgen Essletzbichler and Thomas Scherngell	Evaluating different knowledge complexity measures for European metropolitan regions	Full paper				
			246	Ron Boschma	Designing Smart Specialization Policy: relatedness, unrelatedness, or what?	Full paper				
			22	Bruno Fischer, Susann Schäfer, Paola Rücker Schaeffer, Nicholas Vonortas and Alsones Balestrin	THE GEOGRAPHIES OF VENTURE CAPITAL IN THE CONTEXT OF ENTREPRENEURIAL ECOSYSTEMS	Speed talk				
	27.3 - STI policies and transitions	Knut Blind	79	Binbin J. Pearce, Vassilis Stavrakas, Ilias Tsopelas, Jenny Lieu, Anastasia Ioannou, Niall P. Dunphy, Georgios Xexakis, Gioia Falcone, Michael Brenner-Fliesser, Gosia Matowska, Christina Protopapadaki and Alexandros Famos	Energy citizenship for inclusive decarbonization: Making use of a transdisciplinary framework for creating transformative knowledge	Full paper				
							218	Shubham Sharma	Analysing LED Lamp transition in India - A multi-level perspective	Speed talk
							91	Zahar Koretsky	Unjust transitions away from coal in Eastern Europe: Preliminary lessons from a monoindustrial Jiu Valley	Speed talk
							19	Knut Blind	The Role of the Quality Infrastructure (QI) within Socio-Technical Transformations: A Review and Research Agenda	Speed talk
	3.2 - Future of science	Priscila Oliveira	36	Laurens Hessels, Rik Joosen and Anne-Floor Scholvinck	The future of science in the Netherlands: a review of key trends and uncertainties	Full paper				
			116	Rögnvaldur Saemundsson and Maureen McKelvey	Stability and change in academic engagement: Collaborative PhD projects in biomedical engineering at Chalmers University of Technology 1948-2018.	Full paper				
			234	Camille Bellet and Barbara Ribeiro	Digital sensing technologies and knowing practices in cattle farming	Full paper				
6.1 - Justice in innovation policy	Katharina Schiller	112	Toon Meelen	Political economy scenarios for the housing-energy-mobility nexus	Speed talk					
		58	Francesco Gerli, Susanna Kugelberg and Susana Borrás	When just means capable: investigating the capacities of public actors for green and just transitions.	Full paper					
		106	Astrid Gläsel, Markus Egermann and Magdalena Tanzer	Elucidating the capabilities of international mechanisms to foster procedural just system change - the case of the 2021 UN Food System Summit	Full paper					
9.1 - Responsible RI as toolkit	Tobias Buchmann	18	Delia Mangelkramer	Addressing responsibility in sustainability-driven innovation processes: Management lessons for sustainable innovation from a systematic literature review	Full paper					
		166 61	Jip Leendertse and Frank van Rijnsoever Alfredo Yegros, Tim Willemse, Wouter van de Klippe and Ismael Rafols	Finding Neverland, Entrepreneurial Ecosystems for Sustainable Entrepreneurship An investigation of the landscape of mental health research	Full paper Full paper					
<b>THU 15:00-16:15</b>	RISIS: Networking session	Thomas Scherngell		Thomas Scherngell, Emanuela Reale and Ed Noyons	RISIS Eu-SPRI 2022 CAFÉ SESSION	Networking session				
	TASK-I: Networking session	Matthias Weber		Diana Velasco, Tatiana Fernandez Sirera, Erika Kraemer-Mbula, Susanne Meyer, Katharina Schiller, Johan Schot, Matthias Weber	Mainstreaming Transformative innovation policy: next steps towards building a shared knowledge infrastructure (TASK-I)	Networking session				
26.3 - Geography and collaboration	Agata Lambrechts	118	Inta Mierina, Anete Vingre, Olga Cara and Rita Kasa	Science diaspora collaboration with home country: empirical evidence on factors that facilitate and hamper collaboration	Full paper					
		155	Agata Lambrechts, Marco Cavallaro and Benedetto Lepori	Collaborative Preference: Mechanisms of Alliance Formation across the European Universities Initiative	Full paper					
9.2 - Responsible RI as toolkit	Tobias Buchmann	168	Sajad Ashouri, Arash Hajikhani, Arho Suominen, Ari Hyytinen and Perti Rouvinen	Are Sustainable-Oriented Technologies Disruptive? An Approach to Measuring Technology Disruptiveness Using Patents	Full paper					
		142	Maria Åkerman, Hanna Saari and Regina Sipos	Reshaping RRI keys to embrace grassroots innovations: focus on community empowerment	Speed talk					
		147	Anja Grüll, Klaus-Peter Wegge and Bianca Laue	A toolkit for inclusive innovation workshops: Enabling co-creation in multiple-stakeholder settings	Speed talk					
<b>THU 16:45-18:15</b>	11.1 - Research for SDGs	Hugo Confraria	189	Tommaso Ciarli, Hugo Confraria, Ed Noyons and Ismael Rafols	How does SDG Related Research Differ?	Full paper				
			232	Javier Ortega-Colomer, Oscar Llopis and Julia Olmos Peñuela	Scientists' engagement in knowledge transfer activities: the role of SDG-inspired research agendas	Full paper				
			5	Marco Cavallaro, Peter Edlund and Benedetto Lepori	The social construction of competition in public research funding: The case of EU Framework Programs	Full paper				

12.1 - Geographies of innovation policy	Elvira Uyarra	138	Robert Hassink, Michaela Trippel and Han Chu	Smart Specialization: Mastering the Shift from S3 to S4	Full paper
		105	Lars Bengtsson and Charles Edquist	Functional public procurement for low-carbon innovations in the Swedish municipal sector	Speed talk
		71	Johan Miörner, Christian Binz and Lea Fuenfschilling	Understanding transformation patterns in different socio-technical systems – A scheme of analysis	Full paper
		77	Taran Thune, Håkon Normann and Lisa Scordato	Institutional logics and mission-oriented innovation policy formulation: A case study of the Norwegian long-term plan for research and innovation	Speed talk
18.1 - Governance of digital ecosystems	Irene Niet / Anne Marte Gardenier	66	Robert Braun, Barbara Laa and Lukas Rohatsch	Governance challenges of urban dataspace – transdisciplinary perspectives	Full paper
		176	Koen Frenken, Victo Neto, Jarno Hoekman and Iryna Susha	How academia works with/around platform data	Full paper
		216	Claudia Koch, Luana Ladu, Parsa Asna Ashari, Knut Blind and Pavel Castka	Digital maturity in the Conformity Assessment industry: An explorative study from Germany	Full paper
20.1 - The changing governance of science	Pablo D'Este	191	Michael Hopkins, Jorge Mestre-Ferrandiz, Brendan Shaw, Chirantan Chatterjee, Jin Ding and Preeti Singh	Looking beyond the 'Push-Pull' dichotomy: Towards a broad classification and analysis of innovation policy instruments for medical innovation	Full paper
		140	Pablo D'Este and Oscar Llopis	Prosocial motivation and academic engagement: the contingent role networking skills	Full paper
23.5 - Policy mixes for transformative change	Matthijs Janssen	173	Carsten Schwäbe and Martina Kovač	Conceptualising the orchestra of innovation policy instruments – A literature review of implementation requirements, design properties and instrument mixes	Full paper
		76 26	Wouter Boon, Jakob Edler and Douglas Robinson Adriaan van der Loos, Marko Hekkert and James Patterson	Market formation for societal challenges – exploring policy interventions The polycentric governance of innovation systems	Full paper Full paper
5.1 - Ethics and politics of STI	Theo Papaioannou / Lukas Fuchs	156	Koen Beumer	Inclusive innovation and distributive justice: crop genome editing for smallholder farmers	Full paper
		161	Carlos Cuevas-Garcia and Lukas Fuchs	The Public Value of Innovation in the Inspection and Maintenance Sector: The Case of Pre-commercial Procurement of Robots	Full paper
		24	Oshri Bar-Gil	Global codes and local meaning? What can we learn from the AI codes of ethics as an intersection between social expectation, Law and regulations and imagination of science and technology?	Speed talk
		139	Sampriti Mahanty, Mayra Morales Tirado and Oishee Kundu	The impact of research funding on Early Career Researchers: 'hold on' or 'get out'?	Speed talk
9.3 - Responsible RI as toolkit	Tobias Buchmann	13	Eugen Octav Popa, Vincent Blok, Georgios Katsoukis and Cornelius Schubert	Complex Equality as a Heuristic Tool for Responsible Innovation	Full paper
		250	Thomas Völker & Roger Strand	Translating tools and indicators in territorial RRI	Full paper
		254	Tobias Buchmann, Patrick Wolf, Matthias Mueller, Michael P. Schlaile, Marion Dreyer, Frank Dratsdrummer and Bianca Witzel	An RRI Indicator System for Supporting Renewable Energy Innovation	Full paper



Date	Session	Session Chair	Paper ID	Presentation author(s)	Presentation title	Type
FRI 11:00-12:30	11.2 - Research for SDGs	Tommaso Ciarli	95	Oscar Yandy Romero-Goyeneche, Enric Vila i de Villasante, Felber Arroyave, Gaston Heimeriks and Johan Schot	Novel approaches for addressing the Sustainable Development Goals at Utrecht University	Full paper
			60	Ismael Rafols, Ed Noyons, Hugo Confraria and Tommaso Ciarli	Towards plural 'mappings' of research for Sustainable Development Goals (SDGs)	Full paper
			235	Max Meier	Exploring the (inter-)disciplinary pathways of and towards grand societal challenges	Speed talk
	12.2 - Geographies of innovation policy	Markus M. Bugge	121	Maria Merisalo, Juha Oksanen, Ville Valovirta, Matti Pihlajamaa and Elvira Uyarra	The role of public procurement of innovation in creating regional development paths: case Tampere region, Finland.	Full paper
			134	Matti Pihlajamaa and Ville Valovirta	Innovation Contests, Demand Articulation, and Mission-oriented Innovation Policy: the case of Helsinki Energy Challenge	Full paper
			240	Maria Tsouri and Ron Boschma	The importance of science for the development of new PV technologies in European regions	Speed talk
			210	Thea Jung	Making mission(s) (im)possible? A comparative analysis of policy mixes for decarbonising energy-intensive industries in UK, India and Germany (2000-2021)	Speed talk
	14.3 - Transformative social innovation	Tineke Kleinhout-Vliek	187	Attila Havas, Doris Schartinger and Matthias Weber	Innovation Studies, Social Innovation, and Sustainability Transitions Research: From mutual ignorance towards an integrated approach?	Full paper
			183	Trust Saidi	Towards translating scientific excellence into societal impact in health care – A critical assessment of the opportunities and challenges posed by social innovation in bridging the missing link	Full paper
			237	Conor Douglas, Fernando Aith, Claudio Cordovil-Oliveira, Wouter Boon, Liliana Doganova, Rob Hagendijk, Janrno Hoekman, Tineke Kleinhout-Vliek, Ellen Moors, Alexandre Mallard, Florance Paterson, Shir Grunebaum and Vololona Rabeharisoa	Social pharmaceutical innovation: Towards a interdisciplinary research agenda for drugs for rare diseases	Full paper
	16.1 - Space sector in transformation	Douglas Robinson & Xiao-Shan Yap	206	Benoit Cornet, Marc-Andre Chavy-Macdonald, Jean-Paul Kneib and Dominique Foray	Defining "innovatization": the case of NewSpace and the changing space sector	Full paper
			75	Victor Dos Santos Paulino and Sveinn Gudmundsson	How government customers delay the diffusion of strategic technology products: the case of commercial satellites 1960 to 2018	Full paper
			229	Xiao-Shan Yap and Alison Coyle	Anticipatory governance on the rise of satellite constellations in Space: insights from a socio-technical configuration analysis	Full paper
	19.2 - Digital technologies and sociotechnical change	Florian Kern	195	Nikhil John, Joeri Wesseling, Ernst Worrell and Marko Hekkert	How key-enabling technologies' regimes influence sociotechnical transitions: The impact of artificial intelligence on decarbonization in the steel industry	Full paper
			190	Masaru Yarime	Facilitating Data-Driven Innovation to Address Sustainability Challenges: An Analysis of Data Governance in Smart Cities	Full paper
			170	Jan Peuckert and Florian Kern	Assessing how peer communities contribute to socio-technical change: three case studies of open source communities	Full paper
	23.6 - Entrepreneurial actors and transformations	Carlos Montalvo	50	Rik Braams, Joeri Wesseling, Marko Hekkert and Albert Meijer	Tactics vs. Opposing rationalities - A case study of how entrepreneurial civil servants' can counter legitimate objections to executing transition tasks.	Full paper
			205	Seydesmaeil Mousavi, Hans Hellsmark and Patrik Soderholm	Innovation Policy at the Plant Level: How Entrepreneurial Actors Capitalize on Policy Mixes to Realize Demonstration Projects	Full paper
			221	Carlos Montalvo	The human dimension of transformative innovation ecosystems dynamics	Full paper
	24.2 - New approaches in system analysis and regional innovation	Caetano Penna	34	Knarik Poghosyan, Nadine Riedel and Martin Kalthaus	How effective are cluster policies? Evidence from Germany	Full paper
41			Caetano Penna, Oscar Y. Romero Goyeneche and Cristian Matti	Exploring Indicators for Sociotechnical System Transitions through Portfolio Networks	Full paper	
109			Kilian Bizer, Uwe Cantner, Rolf Sternberg and Jörg Thomä	How to measure the unknown? A new approach to analyze the DUI mode of innovation in structurally weak regions and related policies	Speed talk	
177			Carsten Schwäbe and Carsten Dreher	The role of Creative and Cultural Industries for socio-technical change – A qualitative sectoral innovation system analysis of a European consortium	Speed talk	

FRI 13:30-15:00	8.2 - STI policy and geopolitics	Jakob Edler	6	Itay Fischhendler	The Gaza Strip and the Interplay Between Geopolitical Conflict and Renewable Energy Transition	Full paper
			72	Paula Kivimaa, Chux Daniels and Dhanasree Jayaram	Framework for connecting security and geopolitics to Transformative Innovation Policy	Full paper
			226	Yana Zabanova and Rainer Quitzow	Geoeconomics and the transition to climate-neutrality: towards a conceptual framework	Full paper
	11.3 - Research for SDGs	Ed Noyons	33	Loet Leydesdorff, Lin Zhang and Paul Wouters	Trajectories and Regimes of Interdisciplinarity in Research and Knowledge Evaluations: Contributions to an Evolutionary Theory of Citation?	Full paper
			135	Mireille Matt, Douglas K.R. Robinson and Renée van Dis	Steering research towards a pesticide free agriculture: a nested evaluation approach	Full paper
			157	Hugo Confraria, Tommaso Ciarli and Ed Noyons	Analysing the research priorities of countries towards societal challenges	Full paper
	12.3 - Geographies of innovation policy	Elvira Uyarra	149	Stephanie Begemann and Laurens Klerkx	Dynamics of mission-oriented innovation policy assemblages: transformative potential or old wine in new bottles?	Full paper
			159	Luise Schlindwein and Carlos Montalvo	Accounting for heterogenous behaviors within transformative policy-making: the case of Energy Citizenship	Full paper
			180	Kejia Yang and Kaidong Feng	From industry development to system wide transformation: policy instruments of RE and EV development in China	Full paper
	16.2 - Space sector in transformation	Douglas Robinson & Xiao-Shan Yap	9	Chad Baum, Sean Low and Benjamin K. Sovacool	Between the Sun and Us: Expert perceptions on the engineering, policy, and deep uncertainties of space-based solar geoengineering	Full paper
			113	Jochen Markard, Peter Wells, Xiao-Shan Yap and Harro van Lente	Unsustainable developments: Exploring a blind spot for transitions research through SUVs and space tourism	Full paper
			231	Harro van Lente	Space for tourists: exploring needs in innovation	Full paper
	23.7 - Transforming innovation systems	Daniel Weiss	132	Joeri Wesseling	A comparative analysis of Mission-Oriented Innovation Systems: sustainable aviation, preventive health and traffic safety	Full paper
			55	Daniel Weiss	Technological Innovation Systems: A critical review of quantitative methods	Full paper
			88	Remi Elzinga, Matthijs Janssen, Simona Negro and Marko Hekkert	Unraveling Directionality: The interrelation between problems and solutions in mission-oriented innovation systems	Speed talk
68			Charles Edquist and Mart Laatsit	Towards a General Theory of Innovation: Do Activities and Functions Reflect what Happens in Innovation Systems?	Speed talk	
25.1 - Social innovation: enabling factors and existing practices	Klaus Schuch	133	Matti Pihlajamaa and Anton Sigfrids	Public Procurement and Social Innovation: Creating an experimental space for institutional change in Tampere, Finland	Full paper	
		46	Klaus Schuch, Dietmar Lampert, Tatjana Neuhuber, Katharina Koller, Utku Demir and Laure-Anne Plumhans	How much "social innovation" is in research projects?	Full paper	
		10	Rick Hölsgens	Non-users and the pro-social innovation bias	Speed talk	
		87	Marcel Siegler	Developing a vision as a normative framework for transformative sociotechnical innovation of geriatric care in a real-world laboratory in Bielefeld, Germany	Speed talk	