

Program fPET 2023

The entire fPET program will take place at TU Delft, in building X, except for the dinner on Thursday, which is at Firma van Buiten.

Wednesday, April 19th			
Time	Session	Content	Location
08:30-09:00	Registration		Foyer
09:00-09:30	Welcome David Goldberg and Ibo van de Poel		Theatre Hall
09:30-10:30	Session 1: Ibo van de Poel. Technology, design and value change Chair: Lotte Asveld		Theatre Hall
10:30-11:30	Session 2A: Autonomous vehicles. Chair: Sebastian Krügel	<ul style="list-style-type: none"> Michael W. Schmidt. Ethical Issues Concerning the International Trade of Autonomous Driving Technology Sebastian Krügel & Matthias Uhl. The risk ethics of autonomous vehicles: A continuous trolley problem in regular road traffic 	Body & Mind
	Session 2B: Technical Functions. Chair: Clint Hurshman	<ul style="list-style-type: none"> Ryan Wittingslow. Designed Things, Technical Functions, and Speech Act Theory Clint Hurshman. A Taxonomy for Artifact Function Pluralism 	Rhythm A
	Session 2C: Genetic modification for health. Chair: Lieke Baas	<ul style="list-style-type: none"> Mattia Pozzebbon. Animal Models and Human Diseases: The Ethics of Genome Editing Animals to Cure Humans Lieke Baas, Rieke van der Graaf, Karina Meijer & Annelien Bredenoord, for the SYMPHONY consortium. Techno-fixing hemophilia away: an ethical assessment of arguments for gene therapy 	Rhythm B
	Session 2D: Language and communication. Chair: Martin Stacey	<ul style="list-style-type: none"> Rick Evans. Bringing back words from their metaphysical to their everyday use: How Wittgenstein and cognitive-functional linguistics can help us to better understand and teach engineering communicative practice. Martin Stacey & Claudia Eckert. Epistemological challenges for multidisciplinary design 	Theatre Hall
	Session 2E: Engineering ethics in global perspective. Chair: Behnam Taebi	<ul style="list-style-type: none"> Patricio Quintana Gallo & Carlos Verdugo Serna. The Rise and Fall of the Code of Ethics of the Chilean Engineering Council: History and Vicissitudes Ali Dizani, Behnam Taebi, Ibo van de Poel & Amineh Ghorbani. A comparative institutional analysis of engineering ethics in the Netherlands and the United States 	Dance Studio B
	Session 2F: Global governance of biotechnology. Chair: Lotte Asveld	<ul style="list-style-type: none"> Adam McCarthy. Knowledge-policy interfaces for wicked problems. The Co-production of Digital Sequence Information governance at the Convention for Biological Diversity. Bob Kreiken & Lotte Asveld. How to develop principles for fair access and benefits of Digital Sequence Information for scientists and engineers 	Photo Studio

11:30-12:30	Lunch		Foyer
12:30-14:00	Session 3A: Panel Ecosystem-education	<ul style="list-style-type: none"> Panel Ecosystem-education and universities' social responsibility. Panelists: Gunter Bombaerts, Diana A. Martin, Neelke Doorn, Zoë Robaey, Jeremy Mantingh & Suleman Audu. 	Body & Mind
	Session 3B: (Post)phenomenology. <i>Chair: Lars Botin</i>	<ul style="list-style-type: none"> Bouke van Balen. Why We Need a Phenomenology of Brain Computer Interface-mediated Communication Lars Botin & Tom Børsen. Denominating the Movements in the Lemniscate of Technology 	Photo Studio
	Session 3C: Just and Fair AI. <i>Chair: Verity Truelove</i>	<ul style="list-style-type: none"> Bauke Wielinga. Complex Fairness Florian Richter. Justice and Smart Societies – Algorithmizing Fairness Verity Truelove, Oscar Oviedo-Trespalacios, Kayla Stefanidis & Levi Anderson. Differences in perceptions of justice between police and AI-based automated enforcement 	Theatre Hall
	Session 3D: Social Media and public governance. <i>Chair: Andreas Spahn</i>	<ul style="list-style-type: none"> Paige Benton & Michael W. Schmidt. The Harm of Social Media to Public Reason Andreas Spahn. Conflict, Compromise or Consensus? - Social Media and Democracy Irene Olivero. A Pragmatic Method for Engineering Concepts and Technologies 	Rhythm A
	Session 3E: Value change. <i>Chair: Simona Aracri</i>	<ul style="list-style-type: none"> Yunxuan Miao. Understanding sustainability as a changing value in lithium battery technologies Karen Moesker. Direct Potable Water Reuse – Change inducing for moral values? Simona Aracri, Rosangela Barcaro & Massimo Caccia. Women in the Ever Evolving Marine Robotics 	Rhythm B
14:00-14:30	Break		Foyer
14:30-16:00	Session 4A: Workshop Designing philosophies of education	<ul style="list-style-type: none"> Workshop Designing philosophies of education as fruitful bridges between philosophical ideas of engineering and realities in engineering education. Organizer: Daniel Marom. 	Body & Mind
	Session 4B: Models and Epistemology. <i>Chair: Francisco Olivera</i>	<ul style="list-style-type: none"> Zachary Pirtle. How do engineers model engineering work? Contrasting cost and schedule models to understand modeling practices in complex system developments Vivek Kant & Michael Poznic. Epistemic achievements of engineers in relation to sociotechnical systems: From technological knowledge to engineering understanding Francisco Olivera & Martin Peterson. Epistemic uncertainties in flood frequency analyses and the ethics of belief 	Photo Studio
	Session 4C: Ethics of Technology. <i>Chair: Fernando Secomandi</i>	<ul style="list-style-type: none"> Brandon Long. A Frankian Problem with Genetic Engineering Camilla Quaresmini, Eugenia Villa, Valentina Breschi, Viola Schiaffonati & Mara Tanelli. Qualification and quantification of fairness for diversity-aware and inclusive mobility Fernando Secomandi. Towards a postphenomenology of mutual recognition in AI design 	Dance Studio B
	Session 4D: AI Ethics. <i>Chair: Michael Klenk</i>	<ul style="list-style-type: none"> Sara Blanco. The Normative Need for Trust in AI Jens Pilger & Michael W. Schmidt. AI as Inventor? A patent system's call for philosophy Michael Klenk. Manipulative technology 	Theatre Hall

	Session 4E: Goals of Engineering Education. <i>Chair: Anders Buch</i>	<ul style="list-style-type: none"> ▪ Lavinia Marin. What should we strive for in engineering ethics education? A complex and granular mapping of Engineering Ethics Education competencies and skills ▪ Katherine A. Goodman. Metaphors of Learning and Their Uses in Engineering Education: Reflections from an Engineering Educator ▪ Anders Buch & Steen Hylgaard Christensen. Rethinking Engineering Professionalism through the Concept of Bildung 	Rhythm A
	Session 4F: Value Change. <i>Chair: Diana Martin</i>	<ul style="list-style-type: none"> ▪ Anthony Longo. Revaluating the Public Debate: A Postphenomenological Account of Changing Values in the Digital Public Sphere ▪ Christine Boshuijzen-van Burken, Shannon Spruit, Lotte Fillerup & Niek Mouter. Using Participatory Value Evaluation to reach unorganised affected stakeholders of military autonomous systems ▪ Diana Martin, Rockwell F. Clancy, Qin Zhu & Gunter Bombaerts. Why do we need Norm Sensitive Design? A WEIRD critique of value sensitive approaches to design 	Rhythm B
16:00-17:00	Session 5: Keynote Guru Madhavan. The Politics—and Philosophy—of Prestige in Engineering. <i>Chair: Neelke Doorn</i>		Theatre Hall
17:00-17:30	Break		Foyer
17:30-19:00	Session 5A: Workshop Value Change in AI and Robot Systems	<ul style="list-style-type: none"> ▪ Workshop AI, Robots and Value Change: Exploring Anthropomorphism’s Normative Impact on Day-to-Day Social Practices. Organizers: Tom Coggins & Olya Kudina. 	Photo Studio
	Session 5B: Workshop Value Change in Energy Systems	<ul style="list-style-type: none"> ▪ Workshop Visions of Change. Battling perfect moral storms in the context of energy transition. Organizers: Anna Melnyk & Joost Alleblas. 	Rhythm A
	Session 5C: Workshop Value Change and Climate Engineering	<ul style="list-style-type: none"> ▪ Workshop Techno-Moral Change and the Role of Scenario Thinking and Modelling in Solar Climate Engineering Research. Organizers: Benjamin Hofbauer, Behnam Taebi. With presentations by Giacomo Marangoni and Gideon Futerman. 	Rhythm B
	Session 5D: Poster session	<ul style="list-style-type: none"> ▪ For the list of posters that will be on display, please see the bottom of this document. 	Dance Studio A
19:00	Reception		Foyer

Thursday, April 20th			
Time	Session	Content	Location
09:00-17:00		The posters are exhibited all day in Dance Studio A	Dance Studio A

09:00-10:30	Session 6A: Design for Values. <i>Chair: Lotte Asveld</i>	<ul style="list-style-type: none"> Marula Tsagkari, Mar Pérez-Fortes & Ibo van de Poel. A Value Sensitive Design (VSD) approach for the sustainable design of multiscale CO2 electrochemical conversion (CO2ER) Sabine Ammon, Nele Fischer, Tim Hildebrandt, Steffen Müller, Dieter Peitsch & Utz von Wagner. Value Change by Ethical Vision Design: Integrated ethics methods for developing the research agenda in an interdisciplinary engineering project – A field report from the research network PureMobility Britte Bouchaut, Thom Tribble & Lotte Asveld. Safe-by-Design: The need for engineered prerequisites for inherent safety. 	Body & Mind
	Session 6B: Decolonial perspectives. <i>Chair: Andrea Gammon</i>	<ul style="list-style-type: none"> Dimpho Radebe & Kai Zhuang. Confronting the shadows of colonialism in engineering education: An ongoing practice of "Calling In" Joseph Emmanuel D. Sta. Maria & Matthew J. Dennis. Rethinking McMindfulness from an East Asian Perspective Andrea Gammon. The "waiting room version of history" in post-colonial- and sustainable-engineering projects 	Theatre Hall
	Session 6C: Political Philosophy and Technology. <i>Chair: Avigail Ferdman</i>	<ul style="list-style-type: none"> Maarten Franssen. The ethics of engineering vs. the politics of technology Jérémie Supiot & Philippe Estival. How democratic debates contribute to a better governance of innovation Avigail Ferdman. Perfectionism: Towards a political philosophy of technology and human flourishing 	Dance Studio B
	Session 6D: AI and Epistemology. <i>Chair: Ekaterina Bogdanova</i>	<ul style="list-style-type: none"> Dmitry Muravyov. Datafied doubt as an epistemic virtue: learning from activists' and practitioners' perspectives Caitlin Grady & Lauren Dennis. Ethical-epistemic values driving decisions under uncertainty: The case of hydropower in the United States Ekaterina Bogdanova. Mind-body-data: Epistemic shift of digital psychiatry 	Painting Studio
	Session 6E: Value Change. <i>Chair: Tomasz Żuradzki</i>	<ul style="list-style-type: none"> Jon Rueda. Reproductive technologies, future value change, and the axiological underpinnings of reproductive choice Rafael Coimbra & Édison Renato Pereira da Silva. How to represent human values in the Metaverse Tomasz Żuradzki. Genetic enhancement in bioethical discussions: a computational approach to value change 	Photo Studio
10:30-11:00	Break		Foyer
11:00-12:30	Session 7A: Workshop Education of a Whole New Engineer	<ul style="list-style-type: none"> Workshop An UnWorkshop for the Education of a Whole New Engineer. Organizers: David E. Goldberg, John R. Donald, Beata Francis & Katherine A. Goodman. 	Body & Mind
	Session 7B: Philosophy of Technology. <i>Chair: Mark Ryan</i>	<ul style="list-style-type: none"> Pietro Camin & Samuela Marchiori. Are ethics guidelines enough? On the effectiveness of ethics guidelines for the design, development, and deployment of conversational agents Agostino Cera. The Ontophobic Turn (Between Philosophy of Technology and Engineering) 	Theatre Hall

		<ul style="list-style-type: none"> Mark Ryan. A Critique of Human-Centred AI: Foucault, Power, and Philosophical Anti-humanism 	
	<p>Session 7C: Engineering Education. <i>Chair: Rider Foley</i></p>	<ul style="list-style-type: none"> Katherine Brichacek, Ordel Brown & Laura Pigozzi. Explicit empathy instruction at the intersection of engineering design, technical communication, and philosophy Andrea Gammon, Qin Zhu, Rockwell Clancy, Scott Streiner & Ryan Thorpe. Critically Examining the Broader Implications of Methodological Design in Cross-Cultural, Multi-sited Case Studies of Engineering Ethics Education Rider Foley. Tacking against the headwinds of the military-industrial complex: Engineer's values and professional formation 	Dance Studio B
	<p>Session 7D: Value Change. <i>Chair: Gunter Bombaerts</i></p>	<ul style="list-style-type: none"> Michael J. Bernstein, Lauren Withycombe Keeler, Luke Boyle & John Harlow. A needs-based theory of social value for research and innovation Michael Klenk. The Gap in Value Change Gunter Bombaerts. Adding to understanding value change with Luhmann's event-concept 	Photo Studio
12:30-14:00	Lunch		Foyer
12:30-14:00	Poster Session		Dance Studio A
14:00-15:00	<p>Session 8: Keynote Sarah Spiekermann: On the nature of values and their role in IT system design <i>Chair: Olya Kudina</i></p>		Theatre Hall
15:00-15:30	Break		Foyer
	<p>Session 9A: Interdisciplinary studies of technology and engineering. <i>Chair: Artur Bogucki</i></p>	<ul style="list-style-type: none"> Syafira Fitri Auliya. Adversarial Machine Learning for Deliberating Decision-Making in Elections Aurélien Béranger & Hugues Choplin. Autonomy in the test of low-tech devices. Artur Bogucki & Paula Gürtler. Ethical, Legal, and Socio-Economic Analysis of Agrifood Data Marketplaces - Lessons from FlexiGroBots 	Body & Mind
15:30-17:00	<p>Session 9B: AI and Epistemology. <i>Chair: David Spurrett</i></p>	<ul style="list-style-type: none"> Daniele Chiffi, Mattia Petrolo, Viola Schiaffonati & Giacomo Zanotti. Beyond reliability: values and Trustworthy AI Stefano Canali, Viola Schiaffonati & Andrea Aliverti. Data Quality as an Emerging Issue for AI: The Case of Wearable Technology David Spurrett. Manipulating the scaffolded user 	Theatre Hall
	<p>Session 9C: Moral responsibility in engineering. <i>Chair: Erhardt Graeff</i></p>	<ul style="list-style-type: none"> Zoë Robaey. A virtue ethics account of moral responsibility David M. Douglas & Justine Lacey. Defining Ethical Risk for Technology Erhardt Graeff. Using Civic Professionalism to Frame Ethical and Social Responsibility in Engineering 	Dance Studio B

	Session 9D: Philosophy of human – machine relations. <i>Chair: Olya Kudina</i>	<ul style="list-style-type: none"> Rafael Mestre & Anibal Monasterio. Biorobots as objects, tools or companions? An ethical approach to understand bio-hybrid systems Llona Kavege, Julia Hermann & Olya Kudina. Machine Mediated Gestation - Ontological Distinctiveness and Normative Implications 	Painting Studio
	Session 9E: Value change. <i>Chair: Milenko Budimir.</i>	<ul style="list-style-type: none"> Hugo Paris, Nicolas Freud & Caroline Ladage. Training engineers for sustainability, but which one? A discussion on alternatives to the “good Anthropocene” Antoine Bouzin. The Critique of Technology by French Environmentalist Engineers: a Shift in Values Milenko Budimir. The role of “honor” in engineering a solution to climate change 	Photo Studio
17:00	End of program		
17:30	Gather to walk (+- 15 min) to Firma van Buiten		Registration Desk
18:00-21:00	Dinner After dinner, there are coaches that bring you back to Delft railway station in the center of Delft. The first coach leaves at 20.45		Firma van Buiten Thijsseweg 1, 2629 JA Delft

Friday, April 21st			
Time	Session	Content	Location
09:00-10:30	Session 10A: Engineering in the context of climate risk and uncertainty. <i>Chair: Frieder Bögner</i>	<ul style="list-style-type: none"> Gideon Futerman. What does a "Science" of Existential Risk look like? The future of Existential Risk Studies Frieder Bögner. The lock-and-key model: Opportunities and challenges for technosolutionism with regard to artificial intelligence. 	Dance Studio A
	Session 10B: Applied (post)phenomenology and technological mediation. <i>Chair: Andrej Dameski</i>	<ul style="list-style-type: none"> Dylan Wittkower. Understanding Designing to Match Users’ Mental Models as Eidetic Reduction Hans Voordijk, Seirgei Miller & Faridaddin Vahdatikhaki. Operator guidance systems in road construction: a technological mediation perspective Andrej Dameski, Andreas Spahn, Alessandro Corbetta, Antal Haans, Caspar A. S. Pouw, Federico Toschi, Jaap Ham, Rabia I. Kodapanakkal & Gunter Bombaerts. Empirics of collectives: using empirical data from Dutch train stations to study collective formation, behaviour, and use of technology 	Rhythm A
	Session 10C: Value Change. <i>Chair: Byron Newberry</i>	<ul style="list-style-type: none"> Samuela Marchiori. Technology-mediated moral change. Exploring the relation between moral concept change (MCC) and moral value change (MVC) Aznavur Dustmamatov. The Role of Artifacts in Value-Formation: From Affordance to Exposure Byron Newberry. The Dynamics of Technological Value-Ladenness: A Pragmatic Approach 	Rhythm B
	Session 10D: Panel Maintenance &	Panel Maintenance & Philosophy of Engineering: <ul style="list-style-type: none"> Mark Thomas Young - Evolving Infrastructure: Maintenance and the Political Lives of Artifacts 	Photo Studio

	Philosophy of Engineering.	<ul style="list-style-type: none"> Rebecca Mossop - Communicating Smoothly: How Material Breakdown is not the only thing to be Maintained in a Large Technical System Alexandra Karakas - How can Science and Technology Studies benefit from the Philosophy of Maintenance? Steffen Steinert - Making Things Durable: Maintenance of Technology as Maintenance of Society and Value 	
	Session 10E: Value Change Workshop	<ul style="list-style-type: none"> Workshop Value Change and Engineering Organizers: Ibo van de Poel & Freek van der Weij. 	Theatre Hall
10:30-11:00	Break		Foyer
11:00-12:30	Session 11A: New methods in engineering education. <i>Chair: Christelle Didier</i>	<ul style="list-style-type: none"> Kai Zhuang, Dimpho Radebe & Mojgan Jadidi. Art-Inspired Pedagogies in Engineering Education - Using Comics, VR/AR, Gaming, and Music in Engineering Education Elin Sporrang, Cormac McGrath & Teresa Cerratto Pargman. Situating values in practice: University teachers' perspectives on assessment and emerging AI Christelle Didier. Rethinking engineering education in a French-speaking context using the concept of Bildung 	Dance Studio A
	Session 11B: Natural sciences and conceptual change/engineering. <i>Chair: Terry Bristol</i>	<ul style="list-style-type: none"> Alok Srivastava. The Development of the Affordances of Indicator Diagrams into Thermodynamic Work Cycles in the Material and Theoretical Cultures of Early Steam Engines Terry Bristol. Christiaan Huygens and the Foundations of the Engineering Thermodynamic Worldview 	Photo Studio
	Session 11C: Practitioners' reflections. <i>Chair: Zachary Pirtle</i>	<ul style="list-style-type: none"> Dennis Gedge. The individual and Civil Engineering Marc Steen, Jurriaan van Diggelen, Friso van Houdt, Robin van den Akker & Leanne Cochrane. Practitioners' reflections on organizing Transdisciplinary Innovation Zachary Pirtle, Claudia Eckert, Rémi Gandoin, Nina Jirouskova, Michael Poznic, Beth-Anne Schuelke-Leech, Martin Stacey & Loretta von der Tann. Knowledge for Practicing Engineers and Philosophers: Reconsidering Walter Vincenti's What Engineers Know and How They Know It 	Rhythm A
	Session 11D: Panel Responsibility in Practice	<ul style="list-style-type: none"> Panel Responsibility in Practice. Organizer: Zoë Robaey. Panelists: Zoë Robaey, Mareike Smolka, Thijs Loonstra, Enrique Asin Garcia, Philipp Neudert 	Rhythm B
	Session 11E: Value change workshop	<ul style="list-style-type: none"> Workshop Value Change and Engineering. Organizers: Ibo van de Poel & Freek van der Weij. 	Theatre Hall
12:30-13:30	Lunch		Foyer
12:30-13:30	Business meeting for steering committee Only for members of the fPET steering committee		Photo Studio
13:30-14:30	Session 12: Keynote Samantha Kleinberg – From Causes to Actions <i>Chair: Martin Sand</i>		Theatre Hall

14:30-16:00	Session 13A: Ethics of Engineering Education. <i>Chair: Sabine Ammon</i>	<ul style="list-style-type: none"> ▪ Lukas Fuchs & Gunter Bombaerts. The Limits of Co-creation? The Ethics of Industry-funded Student Teams at Engineering Universities ▪ Sabine Ammon, Alexandra Kljagin, Juliane Rettschlag & Martina Vortel. Value Change by Value Elicitation, Value Amplification, and Value Integration in Interdisciplinary Ethics Education: Examples from the Berlin Ethics Certificate 	Dance Studio A
	Session 13B: Codes of conduct <i>Chair: Diane P. Michelfelder</i>	<ul style="list-style-type: none"> ▪ Pieter Vermaas. Toward engineering codes of conduct for philosophy of technology ▪ Diane P. Michelfelder & Sharon A. Jones. Engineering codes of ethics with care 	Rhythm A
	Session 13C: Environmental and energy ethics. <i>Chair: James Hutton</i>	<ul style="list-style-type: none"> ▪ Cristina Richie. The Environmental “Paradox of Prevention” in Socially Disruptive Medical Technologies ▪ James Hutton. Turn, Turn, Turn: Wind Turbines, Aesthetic Persuasion, and Changing Feelings 	Theatre Hall
	Session 13D: Panel Designing with nature	<p>Panel Designing with nature: reflections on biomimetic practices.</p> <ul style="list-style-type: none"> • Alessio Gerola, Zoe Robaey, Vincent Blok: What does it mean to mimic nature? A typology for biomimetic design • Dayo Jansen: Understanding animal flight and escape to create and improve bio-inspired robots • Jaco Appelman: Bio-inspired Innovation • Paul Breedveld: BITE – Bio-Inspired Technology Group 	Photo Studio
	Session 13E: Value change. <i>Chair: Oyku Ulusoy</i>	<ul style="list-style-type: none"> ▪ Franziska Poszler & Benjamin Lange. AI-enabled decision-support systems: A catalyst or curse for human’s ethical decision-making? ▪ Sarah E. Carter & Heike Felzmann. How do we value data privacy? Initial results from semi-structured interviews ▪ Oyku Ulusoy. The Interconnection of Subjective Values and Experience-Based Learning 	Rhythm B
16:00-17:00	Closing <i>Chair: Ibo van de Poel</i> Discussion of fPET future and bylaws Springer’s book series Philosophy of Engineering and Technology (Pieter Vermaas).		Theatre Hall

Poster Session	
Author(s)	Title
Maximilian Rossmann	The ChatGPT hype as a medium to popularize and jeopardize social debates about values and virtues in education.

Belen Liedo	Robotizing Emotions? A Framework for Analyzing Care Workers' Emotions towards Assistive Robots.
Antonia Kempkens	A "Data Trustee" as Mediator between the Value of Privacy and Data Analysis
Olaya Fernández Guerrero, Ángel Luis Rubio García & Julio Rubio García	Virtue Ethics and software development: debates and proposals
Tilke Devriese	Tactics & Rhetorics. Images of calculation models in architectural design competitions.
Rockwell F. Clancy, Ingvild Bode & Qin Zhu	Weaponized artificial intelligence (AI), normative and culture psychology: Methodological contributions to policies on emerging technologies
Martin Sand, Michael Klenk & Andrea Gammon	Assessing student progress in engineering ethics education
Franziska Poszler, Edy Portmann & Christoph Lütge	Translating ethical principles into computer codes: Experts' opinions on why (not) and how to do it
Alik Pelman	Technological Optimism vs. Scepticism: Agroecology as a Case Study
Joshua Wodak	Towards A Philosophy of Bioengineering and Geoengineering: Risk Ethics for a Climate Change Technofix
Rockwell F. Clancy, Qin Zhu, Louis Hickman, Subhabrata Majumdar, David McGraw & Andrew Katz	Towards a global ethics of artificial intelligence (AI): Ensuring AI ethics is culturally responsive and psychologically realist
Nynke van Uffelen	Introducing the concept of hidden morality in energy justice
Michael Wartmann	Designing Automation with Care
Eswaran Subrhamanian, Anne-Françoise Schmid, Ira Monarch, Muriel Mambrini-Doudet & Anne-Lise Dauphiné-Morer	Generic design Science and lived experiences
Sebastian Krügel, Andreas Ostermaier & Matthias Uhl	The moral authority of ChatGPT
Gideon Futerman	Scenarios for the development of SRM between 2030-2050 with particular reference to the interaction between SRM and Climate Change and Global Catastrophic and Existential Risk
Udo Pesch	Automation and autonomy: How sociotechnical systems disrupt the counterfactual status of autonomy
Emmanuel Caillaud	Ethics and sustainability concepts for the factory of the future: what should we teach and how?

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