

## Monday, 24 March 2025, 11:00 – 13:00

Parallel Session	Section - Title	Room	Time	Title	Name	Affiliations
1	General Philosophy of Science	KH 0.011	11:00	Counterfactual Pandemic Scenarios: An interventionist approach	Marcel Weber; Raphael Scholl	1 - University of Geneva
			11:40	Transforming Standards: Observation contextualised	Sarwar Ahmed	1 - University of Wuppertal
			12:20	Exclusion, interventionism, and theoretical interests	Niccolo Aimone Pisano	1 - University of Stirling
2	Philosophy of Physics	KH 0.016	11:00	The heterodox view of Leibniz's Principle and similar quantum particles: the ambiguity problem	Maren Bräutigam	1 - University of Cologne
			11:40	Cassirer on Object, Measurement and Technology	Benedetta Spigola	1 - Università degli studi di Torino
			12:20	Spare the Rod: Relativity as Pure Chronometry	Samuel Fletcher	1 - University of Minnesota - Twin Cities / 2 - Munich Center for Mathematical Philosophy / 3 - University of Oxford
3	Values in Science	KH 1.019	11:00	Evaluative Categories and their Blinding Effect	Simon Brausch; Sam Ducourant	1 - Max Planck Institute for the History of Science / 2 - Max Planck Institute for the History of Science
			11:40	Can Objectivity Guarantee Quality? A Examination of Research Quality Control	Ann-Christin Fischer	1 - Ruhr-Universität Bochum
			12:20	The reliability flexibility trade-off in science	Leonard Dung	1 - Ruhr-Universität Bochum
4	Models and Representations	KH 2.019	11:00	Artificial possibilities: neuroscientific understanding with neural networks	Bojana Grujicic	1 - Excellence Cluster Science of Intelligence, Technische Universität Berlin / 2 - Berlin School of Mind and Brain, Humboldt Universität zu Berlin / 3 - Max Planck School of Cognition
			11:40	Scientific Understanding, Explanations and Descriptions in Deep-learning Models	Giovanni Galli	1 - University of Teramo
			12:20	From objectual to explanatory understanding with AlphaFold2	Annika Schuster	1 - Technische Universität Dortmund
5	Philosophy of Biology	KH 1.012	11:00	On the Epistemic Roles of the Individualized Niche Concept in Ecology, Behavioral and Evolutionary Biology	Marie I. Kaiser	1 - Universität Bielefeld
			11:40	Between Autonomy and Entanglement: Middle Path Frameworks for the Organism-Environment Relationship	Katie Morrow	1 - Universität Bielefeld
			12:20	Is Biomimetics a Scientific Discipline?	Dilek Yargan, Ludger Jansen	1 - Universität Rostock
6	Philosophy of AI and Machine Learning	KH 2.013	11:00	Patterns in Machine Learning and Science	Markus Ahlers	1 - Eberhard Karls Universität Tübingen
			11:40	Conceptual Disruptions and the Proper Roles for Machine Learning in Scientific Discovery	Donal Khosrowi	1 - Leibniz University Hannover
			12:20	Values in machine learning: What follows from underdetermination?	Tom Sterkenburg	1 - LMU Munich
7	Science and Society	KH 1.020	11:00	Science, Skepticism, and Sociology: reframing the role of SSK in today's knowledge landscape	Morgan Adou	1 - Centre Gilles-Gaston Granger
			11:40	Visual Thinking: Representing and Understanding Science in Times of Crisis	Silke Körber	1 - Alumna, Humboldt University / 2 - University of Vienna
			12:20			

## Monday, 24 March 2025, 14:30 – 16:30

Parallel Session	Section - Title	Room	Time	Title	Name	Affiliations
8	General Philosophy of Science	KH 0.011	14:30	Deeper Explorations of Wild-Type Scientific Realism	James Beebe	1 - University at Buffalo
			15:10	Instrumentalism and gauge theories	John Dougherty	1 - LMU Munich
			15:50	Scientific Progress, the Meno Problem, and the Demarcation Problem	Daniele Garancini	1 - Paris-Lodron-Universität Salzburg
9	Philosophy of Physics	KH 0.016	14:30	Against Color Objectivism: A Critique from Electrodynamics	Xingyu Lyu	1 - University of Mannheim
			15:10	Relative Entanglement for Similar Particles	Cord Friebe	1 - Universität Siegen
			15:50	Is the Universe Fundamentally a Density Matrix?	Alyssa Ney	1 - LMU Munich
10	Values in Science	KH 1.019	14:30	Democratic Deliberation and Values in Science: Lessons from Systemic Approaches	Elena Popa	1 - Jagiellonian University / 2 - Jagiellonian University Medical College
			15:10	Value Neutrality, Hypothetical Value Statements and Inductive Risk in Science	Gerhard Schurz	1 - Heinrich Heine Universität Düsseldorf
			15:50			
11	Models and Representations	KH 2.019	14:30	Representing and Understanding with Feynman Diagrams	Karla Weingarten	1 - Radboud University Nijmegen
			15:10	Do ML models in science function as toy models?	Luis Lopez	1 - Leibniz Universität Hannover
			15:50	Start Making Sense: Understanding Particle Physics with Deep Neural Networks and Explainable AI	Frauke Stoll	1 - Technische Universität Dortmund
12	Philosophy of Biology	KH 1.012	14:30	Comparing inaccessible targets through biological modeling: the case of ape iPS cells	Yoshida Yoshinari	1 - University of Exeter
			15:10	Are Plants Cognitive Agents? A Naturalistic Approach to Comparative Cognition and Plant Behavior Studies	Filippo Murabito, Emma Braccini	1 - Università degli Studi di Firenze / 2 - Technische Universität Dresden
			15:50			
13	Philosophy of AI and Machine Learning	KH 2.013	14:30	Can Complexity Science revolutionize our understanding of Deep Neural Networks?	Markus Maier	1 - Hochschule für Philosophie München
			15:10	AI and the discovery of new things	Samuel Schindler	1 - Aarhus University
			15:50	The Benchmarking Epistemology: What scientists can learn from competitive comparisons of prediction models	Sebastian Zzulka, Timo Freiesleben	1 - Universität Tübingen
14	Science and Society	KH 1.020	14:30	Trust networks: trusting science, trusting the media	Hanna Metzen	1 - Universität Bielefeld
			15:10	Communicating Uncertainty: A Metacognitive Approach	Sergiu Spatan	1 - Technische Universität Dresden
			15:50	Science Journalism as an Institution of Epistemic Vigilance: The Potential for New Intermediaries	Tanja Rechner	1 - Leibniz Universität Hannover

## Tuesday, 25 March 2025, 10:45 – 12:45

Parallel Session	Section - Title	Room	Time	Title	Name	Affiliations
15	General Philosophy of Science	KH 0.011	10:45	On Logic and Pre-Logic	Luis F. Bartolo Alegre	1 - Ludwig-Maximilians-Universität München
			11:25	Thinking outside the box: Causation and variable-relativity	Gebharder Alexander	1 - Marche Polytechnic University
			12:05	Why computational complexity may set impenetrable barriers for epistemic reduction	Christian Sachse	1 - University of Lausanne
16	Philosophy of Physics	KH 0.016	10:45	Present Records of the Past Hypothesis	Athamos Stradis	1 - King's College London
			11:25	Causal-Mechanistic Explanation in Astroparticle Physics	Brigitte Falkenburg	1 - Technische Universität Dortmund
			12:05	A Novel Response to the Fine-Tuning Argument: The Variable Conceptualization of Constants	Maura Burke	1 - Universiteit Utrecht
17	Values in Science	KH 1.019	10:45	On Lacy Bias	William Goodwin	1 - University of South Florida [Tampa]
			11:25	Distributive Epistemic Injustice in Climate Modeling	Maria Sojka	1 - Heinrich-Heine-Universität Düsseldorf
			12:05			
18	Models and Representations	KH 2.019	10:45	Tractability and Model Transfer: Motivation or Barrier?	Murat Bakeev	1 - Leibniz Universität Hannover
			11:25	On Boolean Inferential Methods for the Establishment of Constitutive-Mechanistic Models in the Cognitive and Biological Sciences	Johannes Mierau, Jens Harbecke, Sebastian Schmidt	1 - Witten/Herdecke University
			12:05	The explanatory power of network dynamics	Dingmar van Eck	1 - University of Amsterdam
19	Social Epistemology	KH 1.012	10:45	Hegselmann/Krause Model with Truth Parameters: Network Effects, Opinion Clusters and Truth Approximation	Filippo Riscica	1 - Alma Mater Studiorum Università di Bologna
			11:25	A Game-Theoretic Model of Self-Rationalizing Prejudice	Christoph Merdes	1 - Jagiellonian University
			12:05	Scientific Communication: Persuasion, Relevance, or Full Transparency?	Leon Assaad	1 - Munich Center for Mathematical Philosophy, LMU Munich
20	Philosophy of AI and Machine Learning	KH 2.013	10:45	Reliability and Interpretability in Science and Deep Learning	Luigi Scorzato	1 - Accenture (Switzerland)
			11:25	The two problems of physical computation	Kohar Matej	1 - Technische Universität Berlin
			12:05			
21	Science and Society	KH 1.020	10:45	Performative Paternalism	Jakob Ortman	1 - Department of History and Philosophy of Science, University of Cambridge / 2 - Leibniz Universität Hannover
			11:25	Fat-shaming and "dangerous science"	Camilla Francesca Colombo	1 - RWTH Aachen
			12:05	Against standardising mean differences	Ina Jäntgen	1 - University of Cambridge / 2 - Munich Center for Mathematical Philosophy

## Tuesday, 25 March 2025, 14:30 – 16:30

Parallel Session	Section - Title	Room	Time	Title	Name	Affiliations
22	General Philosophy of Science	KH 0.011	14:30	The practical goal of scientific concepts	Birgit Benzing	1 - Leibniz Universität Hannover
			15:10	Creative abduction in the lab: Lessons from early electrophysiology	Maria Serban	1 - University of East Anglia
			15:50	A History of the System	Tuomas Pernu	1 - University of Eastern Finland
23	Philosophy of Physics	KH 0.016	14:30	To Spin or Not To Spin: A Dogma of Bohmianism Revisited	Andrea Oldofredi	1 - University of Lisbon
			15:10	Boundary Conditions and Conditions at the Boundary	Jeffrey Sykora	1 - CHI Saint Joseph Health (United States)
			15:50			
24	Epistemology	KH 1.019	14:30	Inference to the Best (Available) Explanation in Science	Frederick Britt	1 - Universität Bern
			15:10	On the strength and the limits of the Bad Lot Argument	Alexandros Apostolidis	1 - National and Kapodistrian University of Athens
			15:50	Extrapolation in ecology and the problem of spatiotemporal variability	Robert Frühstückl	1 - Universität Bielefeld
25	Models and Representations	KH 2.019	14:30	The transfer of game-theoretic models: formal templates, unification, and scientific progress	Edorado Peruzzi	1 - Leibniz University Hannover
			15:10	A Morality Evolutionary Game Theory Can Model	Mikhail Volkov	1 – Munich Center for Mathematical Philosophy, LMU Munich
			15:50			
26	Social Epistemology	KH 1.012	14:30	Examining Scientific Knowledge Attribution: A Distributed Cognition Approach	Domingos Faria	1 - University of Porto
			15:10	Knowledge-Based Consensus: Evaluating Process or Outcomes? Why Not Both?	Boaz Miller	1 - Zefat Academic College (Israel) / 2 - ACEPS, University of Johannesburg
			15:50	Can DNNs have epistemic authority?	Claus Beisbart	1 - Universität Bern
27	Philosophy of Medicine	KH 2.013	14:30	The ethics and moral psychology of vaccination	Andrea Quint, Phuc Nguyen, Nora Heinzemann	1 - German Cancer Research Center / 2 - Department of Psychology, University of Heidelberg / 3 - Institute of Philosophy, University of Erlangen-Nuremberg / 4 - Department of Philosophy New York University
			15:10	Cambridge Changes and Developing Immunity in the SARS-CoV-2 Pandemic	David Stöllger	1 - Universität Bielefeld
			15:50			
28	Science and Society	KH 1.020	14:30	Epistemic Intimidation: How Political Interests Compromise Scientific Research	Anna Leuschner	1 - Universidad de los Andes [Bogota]
			15:10	On prospective ethics - How to overcome the lack of empirical evidence	Sebastian Schuol	1 - Friedrich-Alexander-Universität Erlangen-Nürnberg
			15:50			

## Wednesday, 26 March 2025, 10:45 – 12:45

Parallel Session	Section - Title	Room	Time	Title	Name	Affiliations
29	General Philosophy of Science	KH 0.011	10:45	Theoretical values between chemistry and linguistics: Ferdinand de Saussure's stoichiometry of sounds	Cornelis Menke	1 - Johannes Gutenberg - Universität Mainz
			11:25	The Pursuitworthiness of Experiments	Enno Fischer	1 – Technisch Universität Dresden
			12:05	What does constitutive mean?	Samuele Fasol	1 - Università degli Studi Roma Tre
30	History of Science	KH 0.016	10:45	Herbaria and epistemic injustice: The legacies of local plant collectors in the history of botany	Jan Baedke	1 - Ruhr-University Bochum
			11:25	Beyond "Obscurantist Word Play": Deconstruction as an analytical approach in Hans-Jörg Rheinberger's history of life sciences research	Zhuohan Yang	1 - Goldsmiths University of London
			12:05	Inventing Risk: Ramsey and de Finetti on risk/uncertainty distinction	Caterina Sisti, Luca Zanetti	1 - Scuola Normale Superiore di Pisa / 2 - School of Advanced Studies (Scuola Universitaria Superiore) (IUSS)
31	Epistemology	KH 1.019	10:45	The Rationality of the Sense of Touch: Dialectical Reflections on the Molyneux-Question	Aimen Remida	1 - Philipps Universität Marburg
			11:25	Metaphysical Trouble for Logical Abductivism	Iulian Toader	1 - University of Vienna
			12:05			
32	Logic and Philosophy of Mathematics	KH 2.019	10:45	Explications in Mathematics	Jonas Raab; Deniz Sarikaya	1 - Ludwig Maximilians Universität München / 2 - Vrije Universiteit Brussel
			11:25	What Practices Cannot Tell Us. A problem for Aposteriorism About Mathematical Knowledge	Paul Hasselkuß	1 - Heinrich-Heine-University Düsseldorf
			12:05	Weak Supplementation in Aristotle and Euclid	Benjamin Wilck	1 - Humboldt University Berlin
33	Science and Technology	KH 1.012	10:45	Data before purpose, and the risks of overlooking biology	Emma Cavazzoni	1 - Technical University of Munich
			11:25	Reclaiming science's role in public policy: addressing data misrepresentation and silos	Louis Longin	1 - LMU Munich
			12:05	Navigating Data: The Role of Citizen Contributions in Marine Biology Research	Evan Josselin	1 - Institut Jean Nicod
34	Philosophy of Medicine	KH 2.013	10:45	Biases in Causal Inferences	Lilian von Bressensdorf	1 - Ludwig Maximilians Universität München
			11:25	Understanding Gender Bias in Psychiatric Diagnosis	Anke Bueter	1 - Aarhus University
			12:05	Evaluating evidence of mechanism in psychiatry: implications of a failed extrapolation from biomedicine	Yiran Tao	1 - Department of Science and Technology Studies, University College London
35	Metaphysics of Science	KH 1.020	10:45	What is effective metaphysics?	Sébastien Rivat	1 - Munich Center for Mathematical Philosophy, LMU Munich
			11:25	Symmetries and Powers-Based BSA	Vassilis Livanios	1 - University of Cyprus
			12:05	The Ontology of Science, Natural Kinds and Indistinguishability	Patric Harting	1 - Unaffiliated

## Wednesday, 26 March 2025, 14:30 – 16:30

Parallel Session	Section - Title	Room	Time	Title	Name	Affiliations
36	General Philosophy of Science	KH 0.011	14:30	Mathematics in Maimon's and Bolzano's Conceptions of Analysis as Ampliative	Idit Chikurel	1 - Ludwig-Maximilians-Universität München
			15:10	Kant's empirical account of science	Larissa Wallner; Thomas Sturm	1 - Goethe-University Frankfurt / 2 - Catalan Institution for Research and Advanced Studies
			15:50	Chemical reactions are productive causal relations	Vanessa Seifert	1 - National and Kapodistrian University of Athens
37	History of Science	KH 0.016	14:30	The modal-explorative understanding of Newton's experimental methodology	Daian Bica, Markus Schrenk	1 - HHU Düsseldorf
			15:10	Appraising AI Forerunners: The Legacy of Frank Rosenblatt	David Colaco	1 - LMU Munich
			15:50			
38	Epistemology	KH 1.019	14:30	Discovering Maximum Entropy Knowledge	Jürgen Landes	1 - Ludwig Maximilians Universität München
			15:10	Statistical Learning Theory meets Formal Learning Theory - Ockham's Razor and VC Dimension	Joachim Stein	1 - Heidelberger Akademie der Wissenschaften / 2 - Universität Tübingen
			15:50	The Criminalist's Paradox as a Counterexample to the Principle of Total Evidence	Michal Sikorski	1 - Marche Polytechnic University
39	<b><u>CANCELED</u></b>	KH 2.019	14:30			
			15:10			
			15:50			
40	Science and Technology	KH 1.012	14:30	A Philosophical Investigation of Emotion Recognition Technology	Alexandra Prégent	1 - Universiteit Leiden
			15:10	Practical and theoretical understanding through exploratory design	Michael Poznic; Christopher Pincock	1 - Karlsruhe Institute of Technology / 2 - The Ohio State University [Columbus]
			15:50			
41	Philosophy of Medicine	KH 2.013	14:30	ML approaches in personalized psychiatry and the idea of hypothesis-free research	Johanna Sarisoy	1 - University of Edinburgh
			15:10	What are diseases? Results of a thought experiment	Norbert Donner-Banzhoff	1 - Philipps Universität Marburg
			15:50			
42	Metaphysics of Science	KH 1.020	14:30	Against Grounding by Absence	Martin Voggenauer	1 - University of Cologne / 2 - Radboud University Nijmegen
			15:10	Causal Loops and the Reduction of Causation	Jens Jäger	1 - New York University
			15:50			