

**East European Network for Philosophy of Science fourth conference**  
**17–19 August 2022, Tartu, Jakobi 2, rooms 438, 336, 306 and in Zoom**

“Σ” signifies online presentations

**17 August 2022**

9:30-10:15	Registration (Jakobi 2, III floor)		
Room Number	438	336	306
10:15-10:30	<p><b>Welcome address:</b> Bruno Mölder, Σ Sorin Ioan Bangu, Σ Vlasta Sikimić</p>		
10:30-11:30	<p><b>KEYNOTE. Lukáš Bielik:</b>  <i>Inference to the Best Explanation and Disagreement</i>            Chair: Ave Mets</p>		
11:30-12:00	Coffee (rooms 327 and 335)		
12:00-13:30	<p>Cognitive sciences 1            Chair: Veli-Pekka Parkkinen</p> <p><b>Bruno Mölder:</b> <i>Mental kinds and practical realism</i></p> <p>Σ <b>Stefan Petkov:</b> <i>What is like to lucid dream? Lucidity as a test case for the knowledge argument</i></p>	<p>Philosophy of Mathematics and Logic            Chair: Peeter Mürsepp</p> <p>Σ <b>Deniz Sarikaya, José Antonio Pérez-Escobar:</b> <i>Purifying applied mathematics and applying pure mathematics: How a late Wittgensteinian perspective sheds light onto the dichotomy</i></p> <p>Σ <b>Jordi Fairhurst, Deniz Sarikaya, José Antonio Pérez-Escobar:</b> <i>The Later Wittgenstein, Hinges, and Mathematical Practice</i></p> <p><b>Amirouche Moktefi:</b> <i>The Shaping of Venn Diagrams</i></p>	
13:30-14:45	Lunch (please make your own arrangements)		

<p><b>14:45-15:45</b></p>	<p>Cognitive Sciences 1 Chair: Joanna Karolina Malinowska</p> <p>Σ <b>Mark Theunissen, Jake Browning:</b> <i>Objectivity in Practice: Disenchanted AI</i></p> <p><b>Michał Piekarski:</b> <i>Incorporating (variational) free energy models into mechanisms: the case of Bayesian predictive processing</i></p>	<p>Philosophy of Mathematics and Logic Chair: Amirouche Moktefi</p> <p>Σ <b>Nicolas Fillion:</b> <i>The Logic and Semantics of Approximation in Models and their Solutions</i></p> <p>Σ <b>Nicola Bonatti:</b> <i>The Reflective Equilibrium of Intended Models</i></p>	
<p><b>15:45-16:15</b></p>	<p>Coffee (rooms 327 and 335)</p>		
<p><b>16:15-17:45</b></p>	<p>Scientific Understanding Chair: Veli-Pekka Parkkinen</p> <p>Σ <b>Mariano Martín Villuendas:</b> <i>The Quest for Truth. Rethinking Scientific Understanding</i></p> <p>Σ <b>Lilia Gurova:</b> <i>Mere prediction without understanding?</i></p> <p><b>Uzma Malik:</b> <i>Batterman's minimal models: uniting global and local understanding</i></p>	<p>Metaphysics and Phenomenology of Science Chair: Peeter Mürsepp</p> <p>Σ <b>Fatima Saadatmand:</b> <i>The Trace of Non-Mathematical Ancient Greek Thought in the Islamic Arithmetic Works</i></p> <p>Σ <b>Fabio Tononi:</b> <i>Philosophy and Science: An Ontological Approach</i></p> <p>Σ <b>Ken Archer:</b> <i>The Unity of Scientific, Technical and Ethical Reason</i></p>	<p>Mental Processes Chair: Edit Talpsepp</p> <p><b>Błażej Skrzypulec:</b> <i>Olfactory valence and theories of sensory pleasure</i></p> <p>Σ <b>Paweł Zięba:</b> <i>Can unconscious perception guide action?</i></p> <p><b>Ivan Loginov:</b> <i>Dreaming afterimages – subjective empiricism and self-experiments in the study of eidetic imagery and acousmatics in Central-European psychological tradition from Purkyně to Stanislav Vomela</i></p>
<p><b>18:15-19:00</b></p>	<p>Excursion in the University Main Building (Ülikooli 18)</p>		
<p><b>19:00-22:00</b></p>	<p>Conference reception in the University Art Museum (in the Main Building, Ülikooli 18)</p>		

18 August 2022

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Room Number	438	336	306
9:45-10:45	<p><b>KEYNOTE. Helen Longino:</b> <i>What Social Epistemology Can Learn from Philosophy of Science</i> Chair: Bruno Mölder</p>		
10:45-11:15	Coffee (rooms 327 and 335)		
11:15-12:45	<p>Philosophy of Psychiatry Chair: Edit Talpsepp</p> <p>Σ <b>Elena Popa:</b> <i>Bridging the Gap between Epistemology and Ethics through Local Knowledge: The Case of Ethnopsychiatry</i></p> <p><b>Daniel Montero-Espinoza:</b> <i>Construct Validation and Pluralism in Psychiatry</i></p> <p><b>Helo Liis Soodla:</b> <i>The Ontological and Epistemological Implications of Using Bottom-Up Statistical Analysis to Establish Dimensional Systems of Psychopathology: A Preliminary Roadmap</i></p>	<p>Science and Society Chair: Veli-Pekka Parkkinen</p> <p><b>Juozas Kasputis:</b> <i>Michael Polanyi's tacit inference and socially engaged inquiry</i></p> <p>Σ <b>Viorel Pâslaru:</b> <i>Scientists as Agents of Democratization in Authoritarian Societies</i></p> <p><b>Inkeri Koskinen:</b> <i>Epistemic Sustainability</i></p>	<p>Studies of Complex Systems Chair: Amirouche Moktefi</p> <p><b>Ave Mets:</b> <i>Questioning Rein Vihalemm's model of phi-science</i></p> <p>Σ <b>László Ropolyi:</b> <i>Understanding the Internet</i></p> <p>Σ <b>João Mendes:</b> <i>The emergence of Earth System Science: paradigm shift or post-normal science?</i></p>
12:45-13:00	Break		
13:00-14:00		<p>Science and Society Chair: Edit Talpsepp</p> <p><b>Teemu Lari:</b> <i>Longino's Critical Contextual Empiricism and the feminist criticism of mainstream economics</i></p> <p>Σ <b>Samuel Schindler:</b> <i>IBE, Bayes, and data conflicts</i></p>	<p>Studies of Complex Systems Chair: Peeter Mürsepp</p> <p><del>Σ <b>Ilya Garber:</b> <i>Philosophical Foundations of Meta-anthropology</i> CANCELLED</del></p> <p><b>Richard David-Rus:</b> <i>Getting understanding in multispecies ethnography</i></p>

<b>14:00-15:15</b>	Lunch (please make your own arrangements)		
<b>15:15-16:45</b>	<p>Epistemology of Science Chair: Jon Williamson</p> <p>Σ <b>Aleksandra Vučković, Vlasta Sikimić</b>: <i>Measures for Fighting Linguistic Injustice: Epistemic Equity and Mitigation</i></p> <p>Σ <b>Bente Sinke, Matteo Colombo, Michal Klincewicz</b>: <i>Scientific credit and the Matthew effect in neuroscience</i></p> <p><b>Anatolii Kozlov</b>: <i>Mapping Emotions in Scientific Experimental Practice</i></p>	<p>SYMPOSIUM: Cognitive Philosophy of Science</p> <p>Σ <b>Matteo De Benedetto</b>: <i>Theoretical Terms as Ad Hoc Concepts</i></p> <p>Σ <b>Nina Poth</b>: <i>Dimensions of Unification in Cognitive Science</i></p> <p>Σ <b>Mel Andrews</b>: <i>Between Oracular Modelling &amp; the Value-Free Ideal</i></p> <p>Σ <b>Borut Trpin</b>: <i>Learning Causal Structure: A Bayesian Approach</i></p>	<p>Philosophy of Natural Sciences Chair: Richard David-Rus</p> <p>Σ <b>Ciprian Jeler</b>: <i>Distinguishing between selectable and circumstantial traits</i></p> <p><b>Joanna Karolina Malinowska</b>: <i>The challenges of constructing apt reference classes in biomedical research: on the example of racial categories</i></p> <p>Σ <b>Martin Zach, Gregor Greslehner</b>: <i>Immunity in health and disease: a clash of frameworks</i></p>
<b>16:45-17:15</b>	Coffee (rooms 327 and 335)		
<b>17:15-18:15</b>	<p>Epistemology of Science Chair: Joanna Karolina Malinowska</p> <p>Σ <b>Haomiao Yu</b>: <i>A Virtue Epistemology of Scientific Explanation and Understanding</i></p> <p><b>Nora Hangel</b>: <i>Benefits and Challenges of using Qualitative Methods in Empirical Philosophy of Science</i></p>		
<b>18:30-19:30</b>	EENPS meeting (Zoom)		

19 August 2022

“Σ” signifies online presentations

Room Number	438	336	306
10:00-11:00		Understanding Theories Chair: Jon Williamson  Σ <b>Volodymyr Kuznetsov, Alexander Gabovich</b> : <i>The interplay of external and internal semiotics of domain-specific scientific theories</i>  Σ <b>Vassilis Livanios</b> : <i>Can Laws of Nature be Categorical Properties?</i>	Cognitive Sciences 2 Chair: Joanna Karolina Malinowska  <b>Mark Fedyk</b> : <i>Renovating the Child as Scientist Hypothesis</i>  Σ <b>Andrei Ionuț Mărășoiu</b> : <i>Understanding selective semantic impairments</i>
11:00-11:30	Coffee (rooms 327 and 335)		
11:30-12:30		Understanding Theories Chair: Jon Williamson  Σ <b>Jon Charry</b> : <i>Equivalence without Indispensability?</i>  Σ <b>Alexander Gebharter, Barbara Osimani</b> : <i>Analogical inference Bayesian style 2.0</i>	Cognitive Sciences 2 Chair: Mirt Kruusmaa  Σ <b>Janko Nešić</b> : <i>Precisely situated individuals: Autistic ecological niche construction</i>  <b>Roman Krzanowski</b> : <i>Is GPT-3 Language model a step towards Artificial General Intelligence?</i>
12.30-12.45	Break		
12.45-13:45	Scientific Experiments Chair: Peeter Mürsepp  Σ <b>Milena Ivanova</b> : <i>The aesthetic value of scientific experiments</i>  Σ <b>Ina Jäntgen</b> : <i>How to measure effect sizes for rational decision-making</i>		
13:45-15:00	Lunch (please make your own arrangements)		

<p><b>15:00-16:30</b></p>	<p>Scientific Experiments Chair: Peeter Mürsepp</p> <p>Σ <b>Michal Hladky:</b> <i>In silico methods – simulations or experiments? : Computational aspects of demarcation</i></p> <p>Σ <b>Maria Panagiotatou:</b> <i>A dualist model about powers and laws in light of the wave function</i></p> <p>Σ <b>Anastasiia Lazutkina:</b> <i>Measurement in astrophysics: Can we be realists? And should we?</i></p>	<p>SYMPOSIUM: Evidential Pluralism and its Application in the Social Sciences</p> <p><b>Jon Williamson:</b> <i>Applying Evidential Pluralism in the Social Sciences</i></p> <p><b>Yafeng Shan:</b> <i>Evidential Pluralism and Political Science</i></p> <p>Σ <b>Alexandra Trofimov:</b> <i>EBL+: Applying Evidential Pluralism to Evidence Based Law</i></p>	<p>Structural Realism Chair: Mirt Kruusmaa</p> <p><b>Veli-Pekka Parkkinen:</b> <i>Variable relativity of causation is good</i></p> <p><b>Sebastian Tieleman:</b> <i>Model Transfer and Universal Patterns - Lessons From the Yule Process</i></p> <p>Σ <b>Kosmas Brousalis:</b> <i>Quietism towards Newman’s Objection to Structural Realism</i></p>
<p><b>16:30-17:00</b></p>	<p>Coffee (rooms 327 and 335)</p>		
<p><b>17:00-18:00</b></p>	<p><b>KEYNOTE.</b> Σ <b>Tarja Knuuttila:</b> <i>Surrogative reasoning: an artifactual approach</i> Chair: Peeter Mürsepp</p>		