

SPSP 2022 OVERVIEW

<p>FRIDAY 1 JULY</p> <p>10:00 – 17:15 Pre-conference workshop 18:00 – 19:30 Registration Pre-conference informal gathering</p>	<p>SUNDAY 3 JULY</p> <p>9:00 – 11:00 Concurrent Sessions 4 11:00 – 11:30 Coffee Break & Poster session 11:30 – 13:00 Concurrent Sessions 5</p> <p>13:00 – 14:15 Lunch</p> <p>14:15 – 16:15 Concurrent Sessions 6 16:15 – 16:45 Coffee Break & Poster session 16:45 – 18:00 Plenary Lecture 2</p> <p>19:30 – 22:00 Conference dinner</p>
<p>SATURDAY 2 JULY</p> <p>8:15 – 9:00 Registration 8:50 – 9:00 Opening session: Welcome 9:00 – 10:15 Plenary Lecture 1 10:15 – 10:45 Coffee Break 10:45 – 12:15 Concurrent Sessions 1</p> <p>12:00 – 13:30 Lunch & Poster session</p> <p>13:30 – 15:30 Concurrent Sessions 2 15:30 – 16:00 Coffee Break 16:00 – 17:30 Concurrent Sessions 3</p> <p>20:00 – 21:30 Visit to GUM (Ghent University Museum)</p>	<p>MONDAY 4 JULY</p> <p>9:00 – 11:00 Concurrent Sessions 7 11:00 – 11:30 Coffee Break 11:30 – 12:45 Plenary Lecture 3</p> <p>12:45 – 14:00 Lunch & Newsletter meeting</p> <p>14:00 – 15:30 Concurrent Sessions 8 15:45 – 16:30 Closing session</p>

FRIDAY 1 JULY

10:00 – 17:00 **Pre-Conference Workshop: Methods Matter: Empirical Research in Philosophy of Science in Practice**, organised by Sabina Leonelli and Rachel Ankeny (KANTL, Koningstraat 18, Gent)

10:00–10:10 **Welcome and introduction: Sabina Leonelli & Rachel Ankeny**

10:10–11:30 **Session 1: What to pick? Choosing cases and informants**

- Simon Lohse, Radboud University
- Maria Serban, Technische Universität Berlin
- Julie Mennes, Ghent University
- Julia Bursten, University of Kentucky

This session considers how philosophers choose which parts of research practice to investigate (e.g. which domains, methods, theoretical background, technologies, communities), which specific examples to consider (e.g. specific cases, institutions, historical episodes) and who to pick as main informants (e.g. individual researchers, technicians, administrators, students). We also consider what, if anything, makes PSP different from comparable research in other parts of science studies, such as STS, HPS and other social sciences.

11:30–11:50 **Coffee/tea break**

11:50–12:50 **Session 2: How to interact? Methods and ethics**

- Carlos Andrés Barragán, University of California at Davis
- Rachel A. Ankeny, University of Adelaide
- Abigail Nieves Delgado, Utrecht University
- Hugh Williamson, University of Exeter

This session debates the conditions under which research can and should be carried out, ranging from the methods employed (ethnographic, experimental, participatory) to the ethical considerations underpinning research on research (such as the meaning of informed consent and constructive critique, particularly when part of a collaboration between PSP researchers and scientists).

12:50–14:00

Lunch

14:00–15:15

Session 3: What comes of interactions? Part 1: Managing and using data

- Ariane Hanemaayer, Brandon University
- Stephanie Meirmans, University of Amsterdam
- Kirsten Walsh, University of Exeter
- Miles MacLeod, University of Twente

This session considers the challenges associated to managing one key output of PSP research, which is research data. We ask what counts as data for PSP; how and where such data are stored, and with which access requirements; what constitutes an acceptable form of data use, and whether data can and should be shared across research projects; and what obligations do we have vis-à-vis our data - and to whom.

15:15–15:45

Coffee/tea break

15:45–17:00

Session 4: What comes of interactions? Part 2: Diversifying outputs and best practices

- Alan Love, University of Minnesota
- James McElvenny, University of Siegen
- Sabina Leonelli, University of Exeter
- Sophie Veigl, University of Vienna

This session considers the variety of outputs that can be generated from PSP research, including not only research articles but also policy briefs, web-based resources, social media engagement, podcasts and so forth. We discuss the advantages and disadvantages of diversifying the type of output emerging from our research, and the challenges posed by different platforms and publics in communicating the results of our work.

17:00

Conclusion and walk towards SPSP pre-conference get together

18:00 – 19:30

SPSP 2022 Registration (Room 2.25)

Pre-conference informal gathering (pub Bluesette)

SATURDAY 2 JULY (Faculty of Arts & Philosophy, Blandijnberg 2, Gent)

8:15 – 9:00 Registration (Room 2.25)

8:50 – 9:00 Opening session (Aud 2 – Franz Cumont)

9:00 – 10:15 Plenary Lecture 1

Till Grüne-Yanoff (KTH Stockholm): **Scientific Disciplines as Ecological Niches for Heuristic Method Choice**

Chair: Erik Weber

Aud 2 – Franz Cumont

10:15 – 10:45 Coffee Break (corridor)

10:45 – 12:15 Concurrent Sessions 1

<p>Symposium 1A Aud 4 – Jaap Kruithof Protein Dynamics: Theory and Practice Chair: Andrew Bollhagen</p> <p>Andrew Bollhagen, <i>Reconstituting Molecular Motor-Driven Movement.</i></p> <p>William Bechtel, <i>Constructing Dynamical Models of Conformation</i></p>	<p>Symposium 1B Room 1.16 Purification, Manipulation, and Replication: The Making of Biological Entities in Experimental Biology Chair: Gabriel Vallejos-Bacelliere</p> <p>Maurizio Esposito, <i>The Maker's knowledge tradition and the philosophy</i></p>	<p>Contributed talks 1A Room 2.21 Philosophy of Biology / Ecology Chair: Sabina Leonelli</p> <p>Denise Hossom, <i>Where the Wild Things are Classified: feminist values and classification practices in cases of human-wildlife conflict and ecological crises.</i></p>	<p>Contributed talks 1B Room 2.22 Philosophy of Economics / Management Chair: Myron Penner</p> <p>Bert Leuridan, <i>Evidence in Evidence-Based Management.</i></p> <p>Alexandra Quack, <i>The Role of Narratives in De-idealising Models in Economics.</i></p> <p>Jennifer Jhun, <i>The Science of Antitrust:</i></p>	<p>Contributed talks 1C Room 1.10 Research Ethics Chair: Justin Biddle</p> <p>Anja Pichl, <i>Ethicists into the lab – once again? How to conceive of a sound practice turn for bioethics.</i></p> <p>Alexander Christian, <i>What does it take to justify a research moratorium?</i></p>	<p>Contributed talks 1D Room 2.20 History and Philosophy of Science Chair: Henk de Regt</p> <p>Jip van Besouw, <i>Instruments mediating between theoretical conceptualization and practical engineering in 18th-century hydromechanics</i></p> <p>Marij van Strien, <i>Pluralism in</i></p>
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<p><i>Change in Proteins from Static Images.</i></p> <p>Jacob Neal, <i>From Static to Dynamic: Investigating the Interplay between Theory and Experiment in the Emergence the Dynamic View of Proteins</i></p>	<p><i>of scientific practice: restoring a lost (and useful) connection.</i></p> <p>Gabriel Vallejos-Bacelliere, <i>Purifying entities, connecting experimental systems, and extrapolating biochemical knowledge</i></p>	<p>Cristina Villegas, <i>The Reference Class Problem of Variation.</i></p> <p>Yoshinari Yoshida, <i>Roles of scientific generalizations beyond explanation: The case of collective cell migration</i></p>	<p><i>Market Definition as Mechanism Identification.</i></p> <p>Melissa Vergara Fernández. <i>On the heuristic role of economics models.</i></p>	<p>Caetano Souto Maior, <i>Extraordinarily corrupt or statistically commonplace? Reproducibility crises may stem from a lack of understanding of outcome probabilities.</i></p>	<p><i>Philosophy of Science and in Quantum Physics: Feyerabend and Bohm.</i></p> <p>Nicola Bertoldi, <i>Understanding early 20th-century British eugenics: a case study in the history of biomedical validation practices.</i></p>
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12:15 – 13:30

Lunch (corridor in front of registration room)

Poster session (corridor on the back side of the building)

13:30 – 15:30

Concurrent Sessions 2

<p>Symposium 2A Aud 4 – Jaap Kruithof</p> <p>P-Medicine: Reflections on the Practical Implementations of Health Personalisation</p> <p>Chairs: Stefano Canali and Yael Friedman</p>	<p>Symposium 2B Room 1.16</p> <p>Reproducibility in Computational Practice</p> <p>Chair: Johannes Lenhard</p> <p>Frédéric Wieber and Alexandre Hocquet, <i>Computational</i></p>	<p>Contributed talks 2A Room 2.21</p> <p>General Philosophy of Science</p> <p>Chair: Matthew Lund</p> <p>Hasok Chang, <i>Realism for Realistic People: Tips for the Practitioners of PSP.</i></p>	<p>Contributed talks 2B Room 2.22</p> <p>Social Epistemology / Research Ethics</p> <p>Chair: Sophia Efstathiou</p> <p>Justin Biddle, <i>Organizations and Values in Science and Technology.</i> Ahmad</p>	<p>Contributed talks 2C Room 1.10</p> <p>Philosophy of Biology / Ecology</p> <p>Chair: Alan Love</p> <p>Elis Jones, <i>Perspectivism and multi-species epistemology: the case of coral reefs</i></p>	<p>Contributed talks 2D Room 2.20</p> <p>Philosophy of Psychology / Machine Learning / AI</p> <p>Chair: Mieke Boon</p> <p>Alexander Mussnug, <i>The Predictive Reframing of Machine</i></p>
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<p>Commentator: Sara Green</p> <p>Simon Lohse, <i>Mapping Uncertainty in P-Medicine</i>. Karin Christiansen, <i>Ethical challenges of personalized and predictive medicine – reflecting on a future scenario</i>. Stefano Canali, <i>Wearables as P-Medicine Technology: Identifying Epistemic Relations and Issues</i>. Yael Friedman, <i>Patient Participation: A Conceptual Challenge for P-Medicine</i></p>	<p><i>reproducibility and scientific software: beyond code transparency</i>. Hans Hasse and Johannes Lenhard, <i>Reproducibility and the Identity Crisis of Models</i>. Gabriele Gramelsberger and Andreas Kaminski, <i>Limits of Reproducibility in Climate Science</i></p>	<p>Joseph Rouse, <i>The Meta-Philosophical Import of Naturalized Philosophy of Science (in Practice)</i>. Maarten Van Dyck, <i>Reassessing Bas van Fraassen's empiricist philosophy of science</i>. William Bausman, <i>Rational Reconstruction in the Time of Practice</i></p>	<p>Elabbar, 'We do not speak about emissions responsibility': <i>Carbon accounting and the value-ladenness of visual epistemic representation</i>. Matthew Sample, <i>Science, Responsibility, and the Philosophical Imagination</i>.</p>	<p>Vincent Cuyper and Thomas Reydon, <i>An oak is an oak is an oak, or not?</i> Tom Rolef Ben-Shahar, <i>Thinking of epigenetic function, inheritance and bio-medical practices through Agential Realism</i>.</p>	<p><i>Learning Applications: Good Predictions and Bad Measurements</i>. Joshua Barden, <i>Emotions as Conceptual and Extended: A Comparison of the Conceptual Act and Scaffolded Mind Theories of Emotions</i>. Koray Karaca, <i>Accountability of deep machine learning models: Accounting for adequacy for purpose</i>. Dingmar van Eck, <i>Regimenting the explanatory potential of network models in psychopathology</i>.</p>
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15:30 – 16:00

Coffee Break (corridor)

16:00 – 17:30

Concurrent Sessions 3

<p>Symposium 3A Aud 4 – Jaap Kruithof Racial Biases in Police Science Chair: Manuela Fernández Pinto</p> <p>Abigail Nieves Delgado, <i>Historical biases in facial recognition technologies.</i></p> <p>Manuela Fernández Pinto and Anna Leuschner, <i>Research on shooting bias: social and epistemic problems.</i></p> <p>Saana Jukola, <i>Bodies of evidence – Excited Delirium Syndrome and biases in forensic medicine</i></p>	<p>Symposium 3B Room 1.16 Making Geologic Time Chair: Joeri Witteveen</p> <p>Alisa Bokulich, <i>Learning to Measure What Isn't There: The Problem of Missing Time.</i></p> <p>Hernán Bobadilla, <i>What is at Stake in the Formalization of a Chronostratigraphic Unit? A Case Study on the Anthropocene.</i></p> <p>Joeri Witteveen, <i>Golden Spikes, Silver Bullets, and the Ma(r)king of Chronostratigraphic Boundaries</i></p>	<p>Contributed talks 3A Room 2.21 Metaphysics of Science Chair: Catherine Kendig</p> <p>Zina Ward, <i>The Problem with Property Clusters.</i></p> <p>Danielle Brown, <i>Interactive Kinds and Norm-Enforcement.</i></p> <p>Joel Reynolds, <i>The Import of Conceptual Engineering of 'Disability'</i></p>	<p>Contributed talks 3B Room 2.22 Philosophy of Medicine Chair: Alan Love</p> <p>Thomas Grote, <i>The Allure of Simplicity: On Interpretable Machine Learning Models in Healthcare.</i></p> <p>Hong-Ui Tenn, <i>Causal Complexity and the Causal Ontology of Health-Related Quality of Life Model.</i></p>	<p>Contributed talks 3C Room 1.10 Social Epistemology / Research Ethics Chair: Joseph Rouse</p> <p>Tyler Paetkau, <i>When to Stop Building Trust: Perceived Epistemic Injustice and the Limited Obligation of Institutions to Cultivate Trust in Science.</i></p> <p>O. Çağlar Dede, <i>Revisiting Debates on Scientific Dissent and Diversity in the light of the Practice of Journal Peer Review.</i></p> <p>Teemu Lari, <i>How can Critical Contextual Empiricism accommodate criticism of epistemic communities' goals?</i></p>	<p>Contributed talks 3D Room 2.20 Philosophy of Engineering / Technology Chair: Mieke Boon</p> <p>Kristian Gonzalez Barman, <i>Evaluation of Accident Causation Models in Engineering Science.</i></p> <p>Marco Tamborini, <i>The Elephant in the Room in 21st-Century Bio-Robotics: The Biomimetic Principle.</i></p> <p>Michael Stuart, <i>Scientists are Internalists about the Epistemology of Imagination: A Case Study from Space Science.</i></p>
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20:00 – 21:30 Social Event – visit to the Ghent University Museum (Karel Lodewijk Ledeganckstraat 35, Gent).

SUNDAY 3 JULY

9:00 – 11:00

Concurrent Sessions 4

<p>Symposium 4A Aud 4 – Jaap Kruithof Feminist Philosophy of Biology: Beyond Gender Chair: Sophie Juliane Veigl</p> <p>Sophie Juliane Veigl, <i>Conceptual Resources for a Feminist Philosophy Beyond Gender.</i> Tamar Schneider, <i>Bacteriology between Chemical Interactions and Pathogenic Individuals.</i> Azita Chellappoo, <i>“Obesity Science” & Standpoint Theory.</i> Maya Roman, <i>The relevance of feminist philosophy of science</i></p>	<p>Symposium 4B Room 1.16 Panel discussion: Where is Technology in the Philosophy of Science in Practice? Chairs: Federica Russo and Emma Tobin</p> <p>Federica Russo, <i>The gap between Phil Sci and Phil Tech, and the role of PSP.</i> Elena Falco, <i>How should we think about instruments?</i> Jaspreet Jagdev, <i>Are we focussing on ‘today’ enough?</i> Emma Tobin, <i>Technology in classificatory practices.</i> Christian Hennig, <i>Statistical</i></p>	<p>Contributed talks 4A Room 2.21 General Philosophy of Science Chair: : Johannes Lenhard</p> <p>David Colaco, <i>Transparency and the Remediation of Artifacts: Head motion in fMRI.</i> Siyu Yao and Amit Hagar, <i>Who Makes the Choice? Artificial Neural Networks in Science and the Non-Uniqueness Problem.</i> Fons Dewulf, <i>Grünbaum and Salmon at Work: Transforming Philosophy of Science into a Discipline</i></p>	<p>Contributed talks 4B Room 2.22 Social Epistemology / Research Ethics Chair: Hernán Bobadilla</p> <p>Phyllis Illari and Jonathan Spring, <i>Commercial provision of evidence in information security.</i> Sofia Blanco Sequeiros, <i>Discordant Evidence, Evidential Reasoning and Scientific Practice.</i> Chang Fang-Chi, <i>The Importance of Indicating How Researchers Maintain Trustworthiness During the Interview-based Research.</i></p>	<p>Contributed talks 4C Room 1.10 General Philosophy of Science: Models Chair: Hasok Chang</p> <p>Lauren Wilson, <i>Idealization, De-Idealization, and Mechanistic Modeling.</i> Donal Khosrowi, <i>Managing Performative Models: Methods from Social Science and Proposals from Philosophy.</i> Miles MacLeod and Michiru Nagatsu, <i>Participatory modeling: Does it solve the problems of uncertainty and values in sustainability science?</i></p>	<p>Contributed talks 4D Room 2.20 Philosophy of Psychology / Cognitive Science / Neuroscience Chair: Alan Love</p> <p>Maria Serban, <i>Construct validation in psychology: a bridge between measurement and theory?</i> Matthew Lund, <i>Null Hypothesis Statistical Testing and Psychology – a Case of Bad Scientific Practice.</i> Adam Toon, <i>Fictionalism and inquiry.</i> Daniel Kostic and Willem Halffman, <i>Empirical Evidence for the Explanatory</i></p>
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<i>for philosophy of mind</i>	<i>classification methodology as technology.</i> Ines Hipolito, <i>Technology in cognitive science.</i> Emanuele Ratti, <i>Technology in Biology and Bioinformatics.</i> Juan M. Durán, <i>The philosophical novelty of technology</i>		Federico Boem, <i>Scientific publishing: a new life for the distinction between the context of discovery and the context of justification?</i>	Aki Lehtinen, <i>Model descriptions and imagination.</i>	<i>Language in Neuroscience</i>
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11:00 – 11:30 **Coffee Break** (corridor in front of registration room)
Poster session (corridor on the back side of the building)

11:30 – 13:00 **Concurrent Sessions 5**

Symposium 5A Aud 4 – Jaap Kruithof Unpacking Openness: Sharing Practices in Contemporary Biology Chair and Commentator: Rachel Ankeny	Symposium 5B Room 1.16 Causation and Evidence in Political Science Chair: Yafeng Shan Rosa Runhardt, <i>From Philosophy of Causation to Political Science</i>	Contributed talks 5A Room 2.21 Metaphysics of Science Chair: Anton Killin Tudor Baetu, <i>Mechanistic reductionism.</i>	Contributed talks 5B Room 2.22 General Philosophy of Science: Interdisciplinarity Chair: Henk de Regt Stephen Crowley and Michael O'Rourke, <i>A Trap for 'Engaged' Science? Lessons from</i>	Contributed talks 5C Room 1.10 Social Epistemology / Research Ethics Chair: Hernán Bobadilla Götz Hoeppe, <i>On "collective knowledge" in the</i>	Contributed talks 5D Room 2.20 Philosophy of Engineering / Technology Chair: Mieke Boon Julia Bursten, <i>Scale-Dependent Concepts in Multiscale Modeling: Surfaces,</i>
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<p>Paola Castaño, <i>Data Processing as Sharing Practice: Making Space Plant Biology at NASA GeneLab.</i></p> <p>Rose Trappes, <i>Sharing Movement Data to Answer Big Questions: Are there Trade-Offs in Opening Ecological Observation?</i></p> <p>Sabina Leonelli, <i>Openness as Disruption: Epistemic Injustice in Crop Data Linkage</i></p>	<p><i>Practice: Studying Type-Level Claims with the Interventionist Theory of Causation.</i></p> <p>Yafeng Shan, <i>Is evidence of mechanisms sufficient for political scientists to make within-case causal claims?</i></p> <p>Jon Williamson, <i>Evidential Pluralism and evidence-based policy: EBP+</i></p>	<p>Marabel Riesmeier, <i>Understanding the Notion of Chemical Substance as a Dynamic Aggregate.</i></p> <p>Judyth Sassoon, <i>What is a plesiosaur?</i></p>	<p><i>the study of Interdisciplinarity.</i></p> <p>Merel Talbi and Roosmarijn van Woerden, <i>Bridging epistemic divides: An epistemic system for interdisciplinarity?</i></p>	<p><i>fixation of a scientific data set.</i></p> <p>Samara Greenwood, <i>Revisiting The Problem of Context: A Critique of the Resources and Constraints Model.</i></p>	<p><i>Alloys, and Nucleation.</i></p> <p>Sophia Efstathiou, <i>The found science of meat alternatives - How food biotech is creating new meat concepts.</i></p> <p>Catherine Kendig, <i>From plant-based lubricants to food grade oil: What standardization and platform thinking in bioengineering can tell us about knowledge integration.</i></p>
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13:00 – 14:15

Lunch (corridor)

PhD Student Networking Lunch: this is an informal lunch for PhD students to get to know each other better (Room 1.10)

14:15 – 16:15

Concurrent Sessions 6

<p>Symposium 6A Aud 4 – Jaap Kruithof Opacity and Explainability in Data-Centric Science Chairs: Hajo Greif, Alessandro Facchini and Alberto Termine</p> <p>Emily Sullivan, <i>Representation, Understanding, and Machine Learning.</i></p> <p>Florian Boge, <i>Two Dimensions of Opacity and the Deep Learning Predicament.</i> Hajo Greif, <i>Analogue Models and Universal Machines. Paradigms of Epistemic Transparency in Artificial Intelligence.</i></p> <p>Alessandro Facchini and Alberto Termine, <i>Beyond Hypotheses-Driven and Data-Driven Biology</i></p>	<p>Symposium 6B Room 1.16 The Dynamics of Diagnoses Chairs: Karin Tybjerg and Sarah Yvonnet</p> <p>Julia Tinland, <i>Medicalisation, demedicalisation, overmedicalisation and undermedicalisation.</i></p> <p>Ariane Hanemaayer (and Lara Keuck), <i>Continuity in Medical Classification.</i></p> <p>Helene Scott-Fordsmand, <i>Diagnosing bodies in a messy reality: finding the right fit between concrete and abstract.</i></p> <p>Karin Tybjerg and Sarah Yvonnet, <i>From bedside to bench: Using diagnosis to</i></p>	<p>Contributed talks 6A Room 2.21 Philosophy of Medicine Chair: Rachel Ankeny</p> <p>Sara Green, Melanie Weilguny and Hanne Andersen, <i>Hope and hype in preventive precision medicine.</i></p> <p>Morgan Thompson, <i>Characterizing and Measuring Racial Discrimination in Public Health Research.</i></p> <p>Michaela Egli, <i>Taking the social value of clinical trials into account: from unbiasedness to fitness for purpose.</i></p> <p>Eran Tal and Sebastian Rodriguez Duque, <i>Fitness for</i></p>	<p>Contributed talks 6B Room 2.22 Philosophy of Biology Chair: Joseph Rouse</p> <p>James DiFrisco, Gunter Wagner and Alan Love, <i>Understanding Evolutionary Novelty and Co-Option in light of Character Identity</i></p> <p>Franziska Reinhard, <i>From Chemistry to Biology: Experimental Strategies in Origins-of-Life Research.</i></p> <p>Caleb Hazelwood, <i>The Limitations of Biological Examples in Evolutionary Explanations.</i></p> <p>Max Dresow and Alan Love, <i>Mapping teleology in practice: epistemic precision with scientific payoff.</i></p>	<p>Contributed talks 6C Room 1.10 Philosophy of Mathematics / Physics / Astronomy Chair: Julia Bursten</p> <p>Siska De Baerdemaeker, <i>Exploring dark matter with stellar streams.</i></p> <p>Nora Boyd, <i>Calibrating Cosmic Dark Age Instruments.</i></p> <p>Vera Matarese, <i>The epistemic status of atmospheric retrieval models in exoplanetary science.</i></p> <p>Enno Fischer, <i>Naturalness and the Heuristic Role of Scientific Principles.</i></p>	<p>Contributed talks 6D Room 2.20 Philosophy of Economics in Practice: Roundtable Discussion I: Values in Economic Policy-Making Chairs: Conrad Heilmann and Julian Reiss</p> <p>Antoinette Baujard, <i>Values in Welfare Economics.</i></p> <p>Alexander Linsbichler, <i>Philosophy of Austrian Economics.</i></p> <p>Constanze Binder, <i>Freedom and Markets.</i></p> <p>Guilhem Lecouteux, <i>Behavioral Welfare Economics and Consumer Sovereignty</i></p>
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<i>Through Explainable AI: a Proposal</i>	<i>understand the relation between lab and clinic</i>	<i>purpose in psychometrics.</i>			
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16:15 – 16:45 **Coffee Break** (corridor)
Poster session (corridor on the back side of the building)

16:45 – 18:00 **Plenary Lecture 2**

<p>Karen Barad (University of California at Santa Cruz): 'Poetry is Not a Luxury': Quantum Physics – When Grammar Fails Chair: Joseph Rouse Aud 2 – Franz Cumont</p>

19:30 – 22:00 **Conference diner** (Carlos Quinto, Kammerstraat 22, Gent).

MONDAY 4 JULY

9:00 – 11:00

Concurrent Sessions 7

<p>Symposium 7A Aud 4 – Jaap Kruithof Science Communication, Public Opinion, and the Epistemology of Ignorance Chair: Quill Kukla</p> <p>Corey Dethier, <i>Making your audience ignorant: Simplification and accuracy in the presentation of scientific results.</i></p> <p>Ilvie Prince, <i>The interaction of active and passive ignorance in the science communication on COVID-19.</i></p> <p>Quill Kukla, <i>Varieties of ignorance and the</i></p>	<p>Symposium 7B Room 1.16 Philosophy of Economics in Practice: Roundtable Discussion II: Methodological Issues in Practice Chairs: Conrad Heilmann and Julian Reiss</p> <p>Philippe Verreault-Julien, <i>Explanation in Economics.</i></p> <p>Aki Lehtinen, <i>Computer Simulations in Economics.</i></p> <p>Robert Northcott, <i>Economic Theory and Empirical Science.</i></p> <p>Melissa Vergara Fernández, <i>Finance and Financial</i></p>	<p>Contributed talks 7A Room 2.21 Philosophy of Medicine Chair: Robert Meunier</p> <p>Guglielmo Militello and Marta Bertolaso, <i>Stem Cells and the Microenvironment: Reciprocity with Asymmetry in Regenerative Medicine.</i></p> <p>Linda Holland, <i>Using X-ray Computed Tomography to study phenomena in biomedical practice: Insights for the philosophical debate on phenomena and data.</i></p> <p>Erman Sozudogru, <i>Uncertainty in Medicine: A</i></p>	<p>Contributed talks 7B Room 2.22 General Philosophy of Science: Understanding Chair: Matthew Lund</p> <p>Mariano Martín Villuendas, <i>Scientific Understanding without Veritism.</i></p> <p>Oscar Westerblad, <i>Scientific understanding in the image of science-as-practice: a pragmatist proposal.</i></p> <p>Myron Penner and Amanda Nichols, <i>Technology, Representation, and Understanding.</i></p> <p>Leonardo Flamini, <i>What is the point of models, diagrams, and idealisations for</i></p>	<p>Contributed talks 7C Room 1.10 Climate and Earth Science Chair: Hajo Greif</p> <p>Maarten G. Kleinhans and Henk W. de Regt, <i>Materiality and material modeling in earth-scientific experiments.</i></p> <p>Aja Watkins, <i>Scale Models in Climate Science: Using Temporal Scaling to Identify a Paleoclimate Analogue.</i></p> <p>Ryan McCoy, <i>Can Local Knowledge Contribute to Our Understanding of Climate Change?</i></p> <p>Max Dresow, <i>Release the Kraken? Well-</i></p>	<p>Contributed talks 7D Room 2.20 Experimental Philosophy of Science Chair: Sophie Juliane Veigl</p> <p>Christophe Malaterre and Martin Léonard, <i>Exploring the usage of epistemic terms in the scientific literature: A computational text-mining approach.</i></p> <p>Mads Goddixsen, Mikkel Willum Johansen, Anna Catharina Viera, Christine Clavien, Linda Hogan, Nóra Kovács, Marcus Merit, Anna Olsson, Una Quinn, Julio Santos, Rita Santos, Celine Schöpfer, Orsolya Varga, P. J. Wall, Peter Sandøe and Thomas</p>
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<p><i>problem of public trust in science.</i></p> <p>Lukas Steinbrink, <i>Political ignorance in public opinion research</i></p>	<p><i>Economics: A Philosophy of Science Perspective</i></p>	<p><i>Pragmatic Definition.</i></p>	<p><i>scientific understanding? zetetic approach.</i></p> <p>A</p>	<p><i>Controlled Dangerous Speculation Geohistory.</i></p> <p>and in</p>	<p>Bøker Lund, <i>On ghosts and guests: European graduates students' perspective on good and questionable authorship practices.</i></p> <p>Stephanie Meirmans, Jonna Brenninkmeijer, Maarten Derksen and Jeannette Pols, <i>Replication in Action: First findings.</i></p> <p>Milena Padilla Sierra, <i>Qualitative methodologies for philosophical research.</i></p> <p><i>Understanding changes in epistemic positions by exploring agent's epistemic reasons</i></p>
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11:00 – 11:30 **Coffee Break** (corridor)

11:30 – 12:45 **Plenary Lecture 3**

<p>Erik Weber (Ghent University): <i>Thinking about Laws in Political Science: Democratic Peace and Balance of Power.</i></p> <p>Chair: Hasok Chang</p> <p>Aud 2 – Franz Cumont</p>

12:45 – 14:00

Lunch (corridor)

Newsletter meeting (over lunch) (Aud 4 – Jaap Kruithof)

14:00 – 15:30

Concurrent Sessions 8

<p>Symposium 8A Aud 4 – Jaap Kruithof The Philosophy of History in Practice Chair: Adrian Currie</p> <p>Adrian Currie, <i>Historical Events, Historical Records & Winston the Platypus.</i></p> <p>Karoliina Pulkkinen, <i>Philosophy and History of Science in the Soviet Union: the case of Bonifatii Mikhailovich Kedrov.</i></p> <p>Kirsten Walsh, <i>Archival Practices of the Early Royal Society</i></p>	<p>Symposium 8B Room 1.16 Alignment, Narrative, and Exploration: Strategies and Consequences of Integration in the Life Sciences Chair: Robert Meunier</p> <p>Pierre-Luc Germain and Fridolin Gross, <i>Integration as alignment: from measurement to experimentation and models.</i></p> <p>Robert Meunier, <i>The role of narrative in integrating heterogeneous data in precision medicine – notes</i></p>	<p>Contributed talks 8A Room 2.21 General Philosophy of Science: Explanation Chair: Matthew Lund</p> <p>Kaamesh Singam, <i>The Hodgkin-Huxley Model, Explanatory Force and Explanatory Aims.</i></p> <p>Bojana Grujicic, <i>Deep neural networks as mechanistic explanations - in search of the explanans.</i></p> <p>José Antonio Pérez Escobar, <i>How-possibly/how-actually and mathematical modelling: a change</i></p>	<p>Contributed talks 8B Room 2.22 Philosophy of Biology Chair: Alberto Termine</p> <p>Julie Schweer and Marcus Elstner, <i>Atomistic Simulations and Scientific Explanation: The Puzzle of Aquaporin Proton Exclusion.</i></p> <p>Zvi Hasnes-Beninson, <i>A Strategy to What End? “The Strategy of Model Building in Population Biology” in its programmatic context.</i></p>	<p>Contributed talks 8C Room 1.10 General Philosophy of Science: Models & Representation Chair: Stephen Crowley</p> <p>Mieke Boon and Mariana Orozco, <i>The Context of Construction: Cognitive agents’ higher-order thinking skills in knowledge construction processes.</i></p> <p>Dan Burnston, <i>Inferentialism and Maker’s Knowledge.</i></p> <p>Christopher Pincock and Michael Poznic, <i>Integrating representational,</i></p>	<p>Contributed talks 8D Room 2.20 History and Philosophy of Science Chair: Hasok Chang</p> <p>Pieter Beck, <i>Learning in the world: Van Musschenbroek’s lessons for the philosophy of experimentation.</i></p> <p>Iulia Mihai, <i>Vibrating Strings, Naturalism and Johann I Bernoulli’s Reduction of Physics to Pure Mathematics.</i></p> <p>Ovidiu Babeş, <i>The Experimentalism of Jacques Rohault.</i></p>
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	<i>from the field. Saliha Bayir, Integration of Molecular Techniques in Environmental Microbiology as Exploratory Practice.</i>	<i>of perspective informed by the epistemology of mathematics in practice.</i>		<i>exploratory, and design modelling.</i>	
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15:45 – 16:30 Closing session

15.45 -- 16:00	Closing remarks
16:00 -- 16:30	SPSP business meeting (all participants welcome)
Aud 2 – Franz Cumont	