OPEN SESSIONS: PROGRAMME

Harwood	Room 1	Room 2	Room 3	Room 8
Open Session I: Thursday, 1.30pm – 3.00pm				
Chair: Harvey Brown	Chair: Bryan Roberts	Chair: Liz Irvine	Chair: Dana Tulodziecki	Chair: Hugh Mellor
Olivier Sartenaer. Emergent quasiparticles: the case of the fractional quantum Hall effect	Alexander Franklin. Universality Explained?	Alexander Gebharter. Causal exclusion and causal Bayes nets	Kevin Coffey. Reconsidering unconceived alternatives: prospects for scientific realism	Brice Bantegnie. A shift in focus: from mental states to mental capacities.
Matthias Egg. Do we need a primitive ontology to make quantum mechanics empirically coherent?	Vincent Ardourel and Julie Jebeile. Are numerical solutions preferable to analytical solutions?	Michael Baumgartner and Lorenzo Casini. Establishing constitutional relations, in theory and in practice	Peter Vickers. No miracles? Scientific realism and the 1811 gill slit prediction	Rosa Hardt. The interdependence of emotion and sensory experience
Marton Gomori, Laszlo E. Szabo and Zalan Gyenis. Operationalist approach to quantum theory: two representation theorems	Michael Miller. Exact models and physical semantics	Tobias Starzak. Morgan's Canon: interpretation and justification	Robert Northcott. Approximate truth and scientific realism	Daniel Calder. Ramsey reconsidered: applying the job-descripton challenge to contemporary cognitive science.
Open Session II: Thursday, 3.30pm – 5.00pm				
Chair: Steven French	Chair: Kerry McKenzie	Chair: Richard Pettigrew	Chair: Flavia Padovani	Chair: Elselijn Kingma
Bryan W. Roberts. Geometrizing quantum theory	Erik Curiel. If metrical structure were not dynamical, counterfactuals in general relativity would be easy	Juha Saatsi and Lina Jansson. Varieties of abstract explanations: causal, non-causal, and mathematical	Dana Tulodziecki. From zymes to germs: discarding the realist/anti-realist framework	Janette Dinishak. Autism, aspect-perception, and deficit explanations of human differences
Raymond Lal. The topology of contextuality: a unifying concept in quantum theory and logic	Joshua Eisenthal. The problem of space	Harjit Bhogal. Three dimensions of explantory goodness	Haixin Dang. Theory choice during conceptual change: The case of WH Bragg and X-rays	Rachel Cooper. The unluckiness of the disordered
Davide Romano. The meaning of the mass in Bohm's theory and classical mechanics: a case study from the classical limit	Dennis Lehmkuhl. The neighborhood of general relativity in the space of (spacetime?) theories	Matteo Colombo and Jan Sprenger. Explanatory value and probabilistic reasoning: an empirical study	David Schroeren. Theoretical equivalence as explanatory equivalence	Magdalena Antrobus. Good grief: epistemic and psychological benefits of depressive mood

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Open Session III: Friday, 9.00am – 10.30am				
Chair: Oliver Pooley	Chair: Bryan Roberts	Chair: Liz Irvine	Chair: Peter Clark	Chair: Rachel Cooper
Tomasz Placek. Indeterminism and bifurcating geodesics	Thomas Moller-Nielsen. Weak discernibility, again	Hugh Desmond. Natural selection: convergence and causality	Casey Helgeson. Low confidence in extreme probabilities	Ana-Maria Cretu. What good is realism about natural kinds?
Radin Dardashti. No alternatives for what? Non-empirical evidence in the case of string theory	Samuel Fletcher. Limits of Nagelian reduction	Zachary Ardern. Evolution and causal role functions	Benjamin Bewersdorf. Conceptual Learning and Bayesian epistemology	Joe Dewhurst. Natural kinds and folk kinds in the psychological sciences
Lena Zuchowski. A sideways glance at Smale's fourteenth problem: definition and ontology of chaos	Alastair Wilson. Naturalizing recombination	Brian Garvey. The evolution of morality and its rollback	Jürgen Landes and Jon Williamson. How an objective Bayesian integrates data	Kerry McKenzie. Intrinsicality and the Goldilocks Principle: fundamentality as an untapped resource for structuralism
Open Session IV: Friday, 2.15pm – 3.15pm				
Chair: Oliver Pooley	Chair: Phyllis Illari	Chair: Janette Dinishak	Chair: Lena Zuchowski	Chair: Bryan Roberts
Flavia Padovani. Coordination, measurement, and the problem of representation of physical quantities	Elselijn Kingma. Functions at the interface of biology and technology: synthetic biology, health and disease	Anna-Maria Asunta Eder. In defense of a credence interpretation of probability	Nicolas Wüthrich. Conceptualizing uncertainty: An assessment of the latest uncertainty framework of the Intergovernmental Panel on Climate Change	Seamus Bradley, Karim Thébault and Alexander Reutlinger. Modelling inequality
Neil Dewar. Symmetry, differences, and naturalism	Karen Kovaka. Rejecting replicators	Nick Tosh. Ensemble realism: a new approach to statistical mechanical probability	Marina Baldissera. In what sense is uncertainty intrinsic to climate science?	James Fraser. Groundwork for a neo-Galilean approach to idealisation
Open Session V: Friday, 3.30pm – 4.30pm				
Chair: Steven French	Chair: Peter Clark	Chair: Phyllis Illari	Chair: Richard Pettigrew	Chair: Lena Zuchowski
Owen Maroney and Daniel Bedingham. A flash, a collapse and a boundary condition: where did the asymmetry come from?	Callum Duguid. Best systems accounts and metalaws	Christopher Blunt. How to create false positives and influence people: cohort multiple RCTs and the grades of recommendation	Marie Barnett. Reasons and conditional preferences	Veli-Pekka Parkkinen. Mechanism-based extrapolation reconsidered
Chris Timpson. Bell's theorem, local causality, explanation and Everett		Ioannis Votsis. How to make a long theory short: lessons from confirmation	Gregory Wheeler and Conor Mayo-Wilson. Epistemic decision theory's reckoning	Viorel Paslaru. Integrative pluralism in scientific explanations, and a lesson from ecology