

# Inter-University Centre Dubrovnik

# 43rd Annual Philosophy of Science Conference

11 to 15 April 2016

Philosophy of Mathematics • Experimental Approaches to Philosophy • Colour Perception

## Programme

Version 4

<b>Monday 11 April</b>			
	Room 1	Room 2	Room 5
9.30–10.45 am	Opening and Introduction	—	—
11.15 am–12.30 pm	MARCUS GIAQUINTO Mathematical Proof: Assessment of an Empirical Contribution to a Philosophical Dispute	CRAIG FRENCH Balint's Syndrome, Object Seeing, and Spatial Perception	—
3.30–4.45 pm	MARK FEDYK Scepticism about Experimental Philosophy	BARRY MAUND Perceptual Transparency: Martin and Tye	JOSSI BERKOVITZ On Mathematical Constitution and Explanation of Physical Facts
5.15–6.30 pm	CURTIS FORBES Searching for Philosophy of Science's Trolley Problem	DEREK BROWN It's (Probably) Just Me: Colour Mentalism vs. Colour Dispositionalism	JOSÉ FERREIRÓS Dedekind's Map-theoretic Period

<b>Tuesday 12 April</b>			
	Room 1	Room 2	Room 5
9.30–10.45 am	JAMES MCALLISTER Handling Cultural Diversity: Experimental and Comparative Philosophy	FIONA MACPHERSON Redefining Illusion and Hallucination in Light of New Cases	CATHERINE ELGIN Exemplification in Mathematics
11.15 am–12.30 pm	PAUL TELLER Realism Revived	CAIN TODD Emotion and Temporal Perception	HOURLYA BENIS SINACEUR Philosophy of Neuropsychology of Number
12.30–1.30 pm	IUC Reception Courtyard		
3.30–4.45 pm	—	TOM CROWTHER Looking Solid and Feeling Solid	BYEONG-UK YI Cognition of the Many and Mathematical Knowledge
5.15–6.30 pm	NENAD MIŠČEVIĆ Saving Thought Experiments from Negative Experimentalists	KATHRIN GLÜER Constancy in Variation: Reflections on Shape Constancy	NIC FILLION The Surprisingly Old Origins of Modern Decision and Game Theory

<b>Wednesday 13 April</b>			
	Room 1	Room 2	Room 5
9.30– 10.45 am	SORIN BANGU Dolls and Drumbeats: Experiments on Infants' Arithmetical Abilities	MANUEL GARCÍA-CARPINTERO Colours, Response Dependence, and Circularity	SILVIA DE TOFFOLI Diagrams in Algebra
11.15 am– 12.30 pm	—	HOLGER LYRE Newton, Goethe, and the Underdetermination of Phenomenal Optics	JESSICA CARTER Use of Diagrams in Contemporary Analysis
3.30– 4.45 pm	—	DUSTIN STOKES Towards an Epistemology of Perceptual Expertise	ATOOSA KASIRZADEH Explanatory Role of Mathematics in Social Sciences: The Case of Health Economics
5.15– 6.30 pm	SASCHA BENJAMIN FINK When Does a Tetrachromate See Red as You Do? Exploring a Neuro-structural Account of Colour Experiences	VIVIAN MIZRAHI The Colours of Afterimages	NOAH STEMEROFF Scientific Realism, the Mapping Account, and the Pre-structuring of the World

<b>Thursday 14 April</b>			
	Room 1	Room 2	Room 5
9.30– 10.45 am	MICHAEL DETLEFSEN Bolzano's Critical Programme	ANYA FARENNIKOVA Unexpected Perception	JOSÉ DÍEZ Operational Content for Metrical Concepts
11.15 am– 12.30 pm	DANIEL COHNITZ & JUSSI HAUKIOJA Exploring New Methods in Experimental Semantics	KEITH ALLEN Merleau-Ponty and Naive Realism	DEREK POSTNIKOFF Embodied Mathematics and Platonism
3.30– 4.45 pm	—	IDA RAFFAELLI Croatian Colour Terms: What Different Methods Reveal about the Linguistic Organization of Colour Domains	STUART PRESNELL Homotopy Type Theory as a Foundation for Mathematics
5.15– 6.30 pm	—	VINCENT BERGERON Cognitive Homology as Cognitive Ontology	JAMES LADYMAN Identity in Homotopy Type Theory
8.00 pm onwards	Conference Banquet Konoba Sebastian, Prijeko 11, Dubrovnik		

<b>Friday 15 April</b>			
	Room 1	Room 2	Room 5
9.30– 10.45 am	—	BARRY SMITH Flavour Perception and Realism	MAJDA TROBOK Grasping Concepts in Mathematics and the Natural Sciences
11.15 am– 12.30 pm	Book presentation SNJEŽANA PAUŠEK-BAŽDAR <i>Ivan Supek (1915–2007)</i> . Zagreb: Croatian Academy of Arts and Sciences, 2016	SANTIAGO ECHEVERRI Iconic Content and Visual Reference	ZVONIMIR ŠIKIĆ The Sure Thing Principle and Simpson's Paradox
3.30– 4.45 pm	—	KRISTINA PUCKO On Impossibile Colours	—

