

# Inter-University Centre Dubrovnik

# 46th Annual Philosophy of Science Conference

**15 to 19 April 2019**

Philosophy of Mathematics • Realism • Philosophy of the Historical Sciences

## Programme

Version 4

<b>Monday 15 April</b>			
	Room 1	Room 2	Room 5
9.30– 10.45 am	—	Opening and Introduction	—
11.15 am– 12.30 pm	—	OTÁVIO BUENO Representing and Seeing (!) the Unobservable	—
3.30– 4.45 pm	MARKO GRBA & MAJDA TROBOK Is there a Common Logic that Guides Research in Mathematics and Physics? Induction vs. Universal Generalization	MICHEL GHINS An Empiricist Defence of Scientific Realism	MATTHIAS KAISER Exploring Uncharted Ethical Terrain: Value Landscapes as Terra Incognita for Research
5.15– 6.30 pm	MARKO GRBA Are the Laws of Physics Synthetic A Priori?	ALBERTO CORDERO Have Realists Conceded Too Much to Non-realists?	NENAD MIŠČEVIĆ The Holy Curiosity of Inquiry: Science and the Desire to Know

<b>Tuesday 16 April</b>			
	Room 1	Room 2	Room 5
9.30– 10.45 am	DANIEL COHNITZ How to Adopt a Logic	WENCESLAO GONZÁLEZ Realism and the Internet: A Philosophical Analysis of the Scientific Approach to the Internet	JUHA SAATSI Global versus Local Debates about Scientific Realism
11.15 am– 12.30 pm	IULIAN TOADER Epistemically Dispensable Idealizations in Mathematics	JAMES MCALLISTER Testing Scientific Realism by Appeal to Evidence from the History of Science	—
1.00 pm onwards	IUC Reception Courtyard		
3.30– 4.45 pm	JIM BROWN Legitimate Mathematical Methods	EMMA RUTKAMP-BLOEM Dynamic Epistemic (Anti-)Realism	—
5.15– 6.30 pm	ZVONIMIR ŠIKIĆ On Freiling's Argument against the Continuum Hypothesis	PETER VICKERS A Tension between the Realist's Working/Idle Strategy and Staying Neutral on Interpretations of Quantum Mechanics	—

All rooms are on the 1st floor

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<b>Wednesday 17 April</b>			
	Room 1	Room 2	Room 5
9.30– 10.45 am	MARY LENG The Epistemological Challenge to Platonism—A New Hope?	MARIO ALAI Scientific Realism, Metaphysical Antirealism (Two Forms), and the No-miracle Argument (Four Forms)	ANA-MARIA CREȚU & KARIM THÉBAULT Stars and Supernovae: Real Patterns and Classifications in the History of Astrophysics
11.15 am– 12.30 pm	MEHA MISHRA Towards Inconsistency Tolerance in Science: A Study of Paraconsistent Logics	HOLGER LYRE Structural Realism Meets Structural Representation	ANDREI PARAMONOV Late Collision: A History of One Semantic Ambiguity
3.30– 4.45 pm	JOSSI BERKOVITZ On Constitution, Explanations, and the Unreasonable Effectiveness of Mathematics	QUENTIN RUYANT An Inductive Response to the No-miracle Argument	MICHAEL LISTON Indispensability: Explanation or Trust
5.15– 6.30 pm	MICHAEL HALLETT Frege, Names, Descriptions, and Hume's Principle	TIMOTHY LYONS Socratic Scientific Realism: Bracketing Belief in the Quest for Truth	JENNIFER WHYTE The Light Fantastical: Mathematical Representation in Thought Experiments

<b>Thursday 18 April</b>			
	Room 1	Room 2	Room 5
9.30– 10.45 am	EMILY CARSON “On Viewing the Figure”: Wolff, Mendelssohn, Lambert, and Kant on the Method of Geometry	VINCENZO FANO Modest Realism and Metaphysics from Science	DANNY GOLDSTICK “Empirical Content”; Predesignation
11.15 am– 12.30 pm	RICHARD DAWID Meta-empirical Confirmation in Mathematics	ALBERTO CORTI Scientific Realism without Reality?	LARS-GÖRAN JOHANSSON Mathematical Constructivism and the Law of Excluded Middle
3.30– 4.45 pm	JESSICA CARTER Representations in Mathematical Practice	BRYAN ROBERTS Causal Realism when Time Unfolds in the Wrong Direction	—
5.15– 6.30 pm	ELKE BRENDEL Anti-exceptionalism about Logic and Semantic Paradoxes	NOAH STEMEROFF Perspectival Realism and the Foundation of Natural Law in General Relativity	—
8.00 pm onwards	Conference Dinner Restaurant Orhan, Od Tabakarije 1, Dubrovnik; <a href="http://www.restaurant-orhan.com">www.restaurant-orhan.com</a>		

Friday 19 April: No talks

