

Inter-University Centre Dubrovnik

42nd Annual Philosophy of Science Conference

13 to 17 April 2015

Philosophy of Physics • Science, Technology, and Values • Philosophy of the History of Science

Programme

Version 4

Monday 13 April			
	Room 1	Room 2	Room 5
9.30–10.45 am	Opening and Introduction	—	—
11.15 am–12.30 pm	FRANK ZENKER Conceptual Spaces and Radical Theory Change	NICK HUGGETT What's Involved in Explaining Spacetime	—
3.30–4.45 pm	VASSO KINDI The Relevance of History to Philosophy of Science and Vice Versa	MICHAEL STÖLTZNER The Principle of Least Action as a Thought Experiment	CARL HOEFER & GENOVEVA MARTÍ Scientific Realism and Reference to Kinds
5.15–6.30 pm	DANIEL ŠPELDA Early Modern Philosophy of the History of Science	GIJS LEEGWATER An Impossibility Theorem for Parameter-independent Hidden Variable Theories	PAUL WEINGARTNER The Need for a Pluralism of Causality in Philosophy and Physics

Tuesday 14 April			
	Room 1	Room 2	Room 5
9.30–10.45 am	JAMES MCALLISTER Historiography of Science: Current State and Some Problems	NOAH STEMEROFF Determinism, Curvature, and Norton's Dome	MICHELA MASSIMI Perspectival Realism and Truth Within a Perspective
11.15 am–12.30 pm	CHIARA AMBROSIO Reasoning in Action: (Philosophical) Themes from Peirce's History of Science	SEBASTIAN DE HARO Dualities and Emergent Gravity in Holographic Scenarios	JOSEPH BERKOVITZ On De Finetti's Instrumentalist Philosophy of Probability
12.30–1.30 pm	Professor Ivan Supek (1915–2007) Centenary Meeting IUC Conference Hall, ground floor		
1.30 pm onwards	IUC Reception Courtyard		
3.30–4.45 pm	GÁBOR ZEMPLÉN Newton's Strategic Manoeuvring and the Historical Epistemology of His First Optical Controversy	ALAN BAKER Mathematical Explanations of Physical Phenomena: A Route to Generality	MARCO BUZZONI Discovery and Justification: The Social-technical Dimension of Scientific Intersubjectivity
5.15–6.30 pm	—	JOSH NORTON Hole Argument Against Everything	NEB KUJUNDŽIĆ The Pedagogy of Science, Technology, and Values

Wednesday 15 April

	Room 1	Room 2	Room 5
9.30– 10.45 am	CHIN CHUANFEI The Natural Histories of Kinds	F. A. MULLER What Are We Doing When We Are Interpreting Quantum Mechanics?	MICHEL GHINS Success and Adequacy as Values in Scientific Representation
11.15 am– 12.30 pm	KATHERINA KINZEL Historicism and the History of Science	HOLGER LYRE Berry Phase and Quantum Structure	MIKE STUART Subjectivity in Scientific Representation: Empathizing with Black Holes
3.30– 4.45 pm	MASSIMILIANO BADINO The T-word: Reflections on the Historiography of Theories	RICHARD ARTHUR Spacetime in Leibniz's <i>Analysis situs</i>	JANET KOURANY Bacon's Promise
5.15– 6.30 pm	NENAD MIŠČEVIĆ Disorder of Things (Foucault)	STEVEN SAVITT I ♥ ♦s	MARK SPREVAK Predictive Coding

Thursday 16 April

	Room 1	Room 2	Room 5
9.30– 10.45 am	MATTEO VAGELLI Normativity and Presentism: Foucault's Archaeology and the New Beginnings of Historical Epistemology	ADRIAN WÜTHRICH The Higgs Discovery as a Diagnostic Causal Inference	—
11.15 am– 12.30 pm	JEROEN BOUTERSE Have We Ever Been Whiggish? Anachronism, Progress, and Presentism in History of Science	ORAN MAGAL Mathematics, Physics, and Goldilocks	RICHARD DAWID Non-empirical Confirmation: What It Is and What It Is Not
3.30– 4.45 pm	HARALD WILTSCHÉ & SIMONE DE ANGELIS It Takes Two to Tango: Models, Hermeneutics, and (I)HPS	KEIZO MATSUBARA Spacetime and Dualities	ZVONIMIR ŠIKIĆ The Mathematics of Smith's Invisible Hand
5.15– 6.30 pm	CORNELIS MENKE In Defence of Historical Approaches to Confirmation	CHRIS SMEENK Gaining Access to the Early Universe	—
8.00 pm onwards	Conference Banquet Konoba Sebastian, Prijeko 11, Dubrovnik		

Friday 17 April

	Room 1	Room 2	Room 5
9.30– 10.45 am	CRISTINA CHIMISSO Scientific Ideology	SAM FLETCHER On the Local Flatness of Spacetime	FREDERIK STJERNFELT Natural Propositions: Peirce's Doctrine of Dicisigns
11.15 am– 12.30 pm	THEODORE ARABATZIS A Historian's Perspective on Integrated HPS	DOREEN FRASER Empirical and Physical Equivalence in Quantum Field Theory and String Theory	—
3.30– 4.45 pm	—	KEVIN COFFEY Mass and Energy in Special Relativistic Dynamics	—

