

<b>Friday 20 April</b>		
	Room 2	Room 1
9.30– 10.45 am	KEIZO MATSUBARA The Many Worlds of Physics and Philosophy	JONATHAN WEISBERG The Argument from Divine Indifference
11.15 am– 12.30 pm	DAVID WALLACE Statistical Mechanics Is not Statistical	HARALD WILTSCHKE Thought Experiments and Platonic Idealizations
3.30– 4.45 pm	SYMON STEVENS Regularity, Relationism, and Relativity	MARC TSCHECHNE Embodied Cognition and Its Implications for Concept Formation
5.15– 6.30 pm	RICHARD ARTHUR Leibniz on the Relativity of Motion	—

Inter-University Centre Dubrovnik  
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**Inter-University Centre Dubrovnik**

# **39th Annual Philosophy of Science Conference**

**16 to 20 April 2012**

**Themes:**

- Philosophy of Physics
- Thought Experiments and Intuitions
- Philosophy of Neuroscience

**Programme**

Version 3

<b>Monday 16 April</b>			<b>Tuesday 17 April</b>	
	Room 2	Room 1	Room 2	Room 1
9.30–10.45 am	Opening and Introduction	—	DANIEL WOHLFARTH Fundamental Time Asymmetries in Modern Physics	JAMES MCALLISTER Ruđer Bošković, the Paradoxes of Contact Action, and the Rise of Dynamism
11.15 am–12.30 pm	BILL HARPER Isaac Newton’s Scientific Method: Turning Data into Evidence about Gravity and Cosmology	—	DOREEN FRASER Analogies between Quantum Field Theory and Statistical Mechanics	DARRELL ROWBOTTOM Intuitions in Science: Thought Experiments as Argument Pumps
3.30–4.45 pm	CAROLYN BRIGHOUSE Geometric Possibility: An Argument from Dimension	LARS-GÖRAN JOHANSSON Laws and Natural Necessity	JOSSI BERKOVITZ On the Mathematical Constitution of Physical Facts	BILL SEAGER Supervenience and Epistemic vs. Ontic States
5.15–6.30 pm	MICHEL GHINS An Intrinsic Criterion of Lawlike Statements	ULRICH KÜHNE The Relevance of Thought Experiments	JEREMY BUTTERFIELD Time, the Quantum—and the Montevideo Interpretation	PHILIPP HANEIS Vagueness and Mechanistic Explanation in Neuroscience

<b>Wednesday 18 April</b>				<b>Thursday 19 April</b>		
	Room 2	Room 1	Room 5	Room 2	Room 1	Room 4
9.30–10.45 am	ADAM CAULTON Qualitatively Individuating So-called “Indistinguishable” Quantum Systems	MARCO BUZZONI Causality, Teleology, and Thought Experiment in Biology	GORDON BELOT Curve Fitting	KEVIN COFFEY Problems and Prospects for Theoretical Equivalence	CHRIS SMEENK Multiverse Theories in Cosmology	—
11.15 am–12.30 pm	NENAD MIŠČEVIĆ Social Contract, Thought Experiment, and Abduction	JAN EGBERTS Aristotle’s Law of Fall: A New Interpretation	SARAH GALLAGHER Moving Past Mergers to Grow Supermassive Black Holes	CARL HOEFER Philosophy of General Relativity: Methods and Morals	DEEPANWITA DASGUPTA A Peripheral Scientist’s Entry into Science: S. N. Bose, Einstein, and the Formulation of a New Quantum Statistics	—
12.30 pm onwards	Inter-University Centre Reception Courtyard			—		
3.30–4.45 pm	JULIAN REISS The Explanation Paradox	JUSSI HAUKIOJA & DANIEL COHNITZ Meta-externalism and Meta-internalism in the Study of Reference	FRANK ARNTZENIUS A Local Separable Quantum Mechanics	ELEANOR KNOX Newtonian Spacetime in the Light of the Equivalence Principle	DUNJA JUTRONIĆ Where Do Linguistic Intuitions Come From?	BRIAN HEPBURN Things Doing Stuff: Dual Descriptions and Problem Solving
5.15–6.30 pm	ZVONIMIR ŠIKIĆ The Speed of Light Is the Speed of Everything	DANIEL COHNITZ & JUSSI HAUKIOJA Reference, Intuitions, and the Expertise Defence	JOHN SIPE Taking the Ray (Really) Seriously	NAZIM BOUATTA Emergence in Quantum Field Theory	ARMANDO CINTORA Platonism and Externalism	SUSANNE LÖHNE Limitations of Neuroscience
8.00 pm onwards	—			Conference Banquet Konoba Sebastian, Prijeko 11, Dubrovnik, tel. 020 321446		

Rooms 1 and 5 are on the first floor; Rooms 2 and 4 are on the second floor