

## Inter-University Centre Dubrovnik

# 50th Annual Philosophy of Science Conference

**Tuesday 22 to Saturday 26 April 2025**

Philosophy of Biology • Philosophy of Science Yesterday, Today, and Tomorrow

## Programme

Version 4

### Tuesday 22 April

	Room 4, first floor	Room 5, first floor	Room 5, second floor
9.30–10.45 am	Opening and Introduction	—	—
11.15 am–12.30 pm	KATHERINE BRADING Émilie du Châtelet and the Transformation of Eighteenth-century Physics	DENIS WALSH The Anna Karenina Problem	MICHAEL STUART True Enough Is Not Enough: Towards a Thoroughly Anti-veritist Epistemology for Philosophy of Science
3.30–4.45 pm	JAMES ROBERT BROWN Pandemics, Climate Change, Democracy	VITO BALORDA Causal-explanatory Structures in Biology: Mechanisms vs. Pathways	ELAINE LANDRY Breaking Benacerraf
5.15–6.30 pm	MICHEL GHINS Grounding the Necessity of Both Quantitative and Conservation Laws on Powers	EMMA SIGSWORTH Why Did the Bacterium Cross the Gradient? Explanation and Cognition in Bacterial Chemotaxis	—

### Wednesday 23 April

	Room 4, first floor	Room 5, first floor	Room 5, second floor
9.30–10.45 am	TOMASZ BIGAJ Is Science Generalistic or Individualistic?	ELLIOTT SOBER Darwin's Phylogenetic Reasoning	—
11.15 am–12.30 pm	JAMES MCALLISTER Are Empirical Data Representations?	ZDENKA BRZOVIĆ The Explanatory Status of Historical Kinds	—
3.30–4.45 pm	ZVONIMIR ŠIKIĆ Gödel's Ontological Proof: A Critique	RACHEL KATZ The Human Touch, or What Sets AI and Human Therapy Apart	NOAH STEMEROFF Pauli and Schopenhauer
5.15–6.30 pm	MARGARET SCHABAS Causal Commitments in Human Capital Theory: A Philosophical Critique	DANIEL NICHOLSON Population Thinking and the Uniqueness of Biological Entities	—

### Thursday 24 April

	Room 4, first floor	Room 5, first floor
9.30–10.45 am	JENNIFER WHYTE & JOHN BUCHANAN Aiming True: Why Pragmatist Philosophy of Science Needs Meta-ethics	PAUL THOMPSON Nakedness and Body Modesty: The Biological Background of Patriarchy
11.15 am–12.30 pm	JOSEPH BERKOVITZ On Intuitive Thinking in Scientific Reasoning	JULIAN REISS Visions, Methods, and Worldviews
2.45–4.00 pm	LARS-GÖRAN JOHANSSON A Nominalist Perspective on Philosophy of Science	JACOB STEGENGA New Dogmas of Empiricism

### 50th Meeting Celebrations

4.30 pm Plenary Session, various speakers, Conference Hall, ground floor  
5.45 pm IUC Reception, Courtyard  
7.00 pm Concert, Dubrovnik Symphony Orchestra, Villa Crijević-Pucić, Ulica branitelja Dubrovnika 29, Dubrovnik  
Supported by the City of Dubrovnik

## Version 4

### Friday 25 April

	Room 4, first floor	Room 5, first floor
9.30– 10.45 am	ANTONIS ANTONIOU Limiting Reduction and Modified Gravity	ADRIÀ SEGARRA Confirmation Is Value-laden
11.15 am– 12.30 pm	HARALD WILTSCHKE Transcendental Approaches to Quantum Mechanics: Lessons from Bohr	ROB CORLESS Structured Backward Error and the WKB Method: A Case Study in Computational Epistemology
3.30– 4.45 pm	MARTIN KING The Pursuit of Ugly Models	MARKO GRBA Themes in Leibnizian Philosophy of Science
5.15– 6.30 pm	HRVOJ VANČIK Metaphysics of Systems	—

### Saturday 26 April

No lectures



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