

Programme

Version 3

Monday 22 April

	Room 2	Room 1
9.30– 10.45 am	Opening and Introduction	—
11.15 am– 12.30 pm	SASCHA FINK AI in Sensory Engineering	—
3.30– 4.45 pm	LOUIS LOOCK Do AI Tools Extend or Extract Our Cognition?	ZVONIMIR ŠIKIĆ Wigner’s Problem and Real Numbers
5.15– 6.30 pm	CARMEN MOSSNER & SVEN WALTER Detrimental Scaffolding in Online Spaces	—

Tuesday 23 April

	Room 2	Room 1
9.30– 10.45 am	HOLGER LYRE Generative Turn and Semantic Grounding in AI	JAMES MCALLISTER Emotion as a Response to Uncertainty in Science
11.15 am– 12.30 pm	—	JACOB STEGENGA Judging Science
12.30 pm onwards	IUC Reception Courtyard	
3.30– 4.45 pm	MARKO GRBA Certain Philosophical Aspects of the Relation between Mathematics and Physics	
5.15– 6.30 pm	BERNA KILINÇ Reducing Epistemic Luck/Risk	

Wednesday 24 April

	Room 2
9.30– 10.45 am	FLORIAN BOGE Put It to the Test: Getting Serious about Explanations in Explainable Artificial Intelligence
11.15 am– 12.30 pm	ANNIKA SCHUSTER & FRAUKE STOLL Pathways Towards Scientific Understanding with Deep Neural Networks
3.30– 4.45 pm	BORIS GROZDANOFF Modelling Ethical Behaviour with Deep Reinforcement Learning
5.15– 6.30 pm	BJÖRN LUNDGREN Can Value Alignment Solve the Control Problem for AI?
8.00 pm onwards	Conference Dinner Restaurant Orhan, Od Tabakarije 1, Dubrovnik www.restaurant-orhan.com

Thursday 25 April

	Room 2
9.30– 10.45 am	JOSEPH BERKOVITZ On the Application of Mathematics to Nature and Society: A New Perspective
11.15 am– 12.30 pm	CHARLES RATHKOPF On the Cognitive Ontology of Large Language Models
3.30– 4.45 pm	IBIFURO JAJA AI’s Global Governance: The Non-idealist Perspective ELEONORA CATENA The Challenges of AI for Human Autonomy
5.15– 6.30 pm	MAX HELLRIGEL-HOLDERBAUM Goals in AI Systems and the Alignment Problem

Inter-University Centre Dubrovnik 49th Annual Philosophy of Science Conference

22 to 26 April 2024

Philosophy of Mathematics • Philosophy and Artificial Intelligence • Uncertainty in Science