

## CONFERENCE

# *Formal Methods and Science in Philosophy V*

May 16-18, 2024

I U C INTER-UNIVERSITY CENTRE DUBROVNIK

Don Frana Bulića 4, HR-20000 Dubrovnik, Croatia

<https://iuc.hr/programme/1879>

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### Keynote speakers

Peter Gärdenfors, Lund University

Valentin Goranko, Stockholm University

María Manzano, University of Salamanca

Peter Simons, Trinity College, Dublin

The general subject of the conference are problems of philosophical ontology, epistemology, philosophy of science, and philosophy of mind that are formulated or solved using formal methods (as defined in logic, mathematics, formal linguistics, theoretical computer science, information science, AI) and/or with references to the results of natural and social sciences.

The following special topics will be addressed:

- use of formal methods in philosophy,
- philosophical analysis of scientific notions (natural law, matter, change, cause, chance, time, space, uncertainty, quantum phenomena, probability, social interaction, etc.),
- philosophical analysis of scientific methods (formalisms, rationality, values, norms, etc.),
- the role and use of scientific notions and methods in philosophy (formal systems in philosophy, critical analysis, systematic philosophy, etc.).

### Conference Committee:

Gianfranco Basti, Pontifical Lateran University, Vatican City

Anna Brożek, Faculty of Philosophy of the University of Warsaw

Filip Grgić, Institute of Philosophy, Zagreb

Srećko Kovač, Institute of Philosophy, emer., Zagreb

Goran Lojkić, Croatian Logic Association, Zagreb

Marcin Łyczak, University of Warmia and Mazury in Olsztyn

Kordula Świątorzecka, Cardinal Stefan Wyszyński University, Warsaw

There will be a **PhD student session** with 20 minutes talks followed by 10 minutes discussion.

**Language:** English.      **Conference fee:** 135 EUR / 100 EUR (retired participants, students).

**Abstracts**      Please, submit a 1200 characters abstract by January 31, 2024 to [abrozek@uw.edu.pl](mailto:abrozek@uw.edu.pl), [k.swietorzecka@uksw.edu.pl](mailto:k.swietorzecka@uksw.edu.pl) or [skovac@ifzg.hr](mailto:skovac@ifzg.hr). Please, use the proposed *templates*. Indicate if the abstract is meant for a PhD student session (1200 characters). The notifications of acceptance by February 15, 2024. The conference will be held *in-person*.

**Organizing institutions and patronage** Croatian Logic Association; Faculty of Philosophy of the University of Warsaw; Institute of Philosophy of the Cardinal Stefan Wyszyński University, Warsaw; Institute of Philosophy, Zagreb; Inter-University Center, Dubrovnik; Polish Association for Logic and Philosophy Science; University of Warmia and Mazury in Olsztyn. Dr. sc. Luka Boršić, Director of the Institute of Philosophy, Zagreb; Prof. dr. hab. Paweł Łuków, Dean of the Faculty of Philosophy of the University of Warsaw; Prof. dr. hab. Ryszard F. Sadowski, Director of the Institute of Philosophy of the Cardinal Stefan Wyszyński University, Warsaw.