

**Inter-University Centre (IUC)**, Dubrovnik, Don Frana Bulića 4, Dubrovnik, Croatia,  
<https://www.iuc.hr/index.php>      <https://www.ifzg.hr/fmsph/>, <https://iuc.hr/programme/1344>

Conference **FORMAL METHODS AND SCIENCE IN PHILOSOPHY IV**, April 21-23, 2022, hybrid

### **Keynote speakers**

Johan van Benthem, University of Amsterdam, Stanford University and Tsinghua University  
Susan Haack, University of Miami  
Hannes Leitgeb, Ludwig Maximilian University of Munich  
Yaroslav Shramko, Kryvyi Rih, State Pedagogical University, Ukraine

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); philosophical analysis of scientific methods (formalisms, rationality, values and norms, etc.); the role and use of scientific notions and methods in philosophy (formal systems in philosophy, critical analysis, systematic philosophy, etc.).

A **special session** will be dedicated to Berislav Žarnić (1959-2017) and to any topic of his interest in philosophical logic and formal philosophy, <http://marul.ffst.hr/~berislav/doku.php>.

There will be a **PhD student session** with 20 minutes talks followed by 10 minutes discussion. The lectures and talks will be given in person or online, depending on epidemic circumstances.

### **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, Zagreb  
Kordula Świątorzecka, Institute of Philosophy of the Cardinal S. Wyszyński University, Warsaw

**Language:** English. **Conference fee.** In-person presence: 90 EUR / 70 EUR (retired participants, students), online presence: 25 EUR.

**Abstracts** Submit a 1200 characters abstract by January 15, 2022 to [abrozek@uw.edu.pl](mailto:abrozek@uw.edu.pl), [k.swiatorzecka@uksw.edu.pl](mailto:k.swiatorzecka@uksw.edu.pl) or [skovac@ifzg.hr](mailto:skovac@ifzg.hr). Please, indicate if the abstract is meant for the special session or for a PhD student session. Notification of acceptance by January 31, 2022.

**Extended deadline** (not for the PhD session): February 4. Notification: February 15.

**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. 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.