



# XXV WORLD CONGRESS OF PHILOSOPHY ROME 2024

## PHILOSOPHY ACROSS BOUNDARIES

Sapienza University  
August 1-8, 2024

### Proposal Submission Form Society Sessions

#### 1) ORGANIZER(S)

Name of the Society

**L'Académie Internationale de Philosophie des Sciences/ (International Academy of Philosophy of Sciences)**  
Brussels

Topic or denomination of the meeting (e.g., panel, administrative meeting, Board/Assembly meeting...)

**PANEL AND GENERAL ASSEMBLY**

Person in charge

Role in the Society: PRESIDENT

First name: JURE

Affiliation: UNIVERSITY OF ZADAR

Family name: ZOVKO

Address: Pantovcak 192a; Hr-10000 Zagreb

E-mail address:

jzovko@unizd.hr

Phone number

0038598210123

Date

AUGUST, 2-3. 2024: afternoon 2th Aug. – full day 3th Aug.

Signature

#### 2) PROPOSAL TITLE

SCIENTIFIC UNDERSTANDING

Please indicate your preference in terms of rooms, schedule, and dates, along with any other useful information.  
ROOMS ABOUT 40 PARTICIPANTS

SCHEDULE : ONE DAY OF SCIENTIFIC PANEL ONE HALF DAY OF ASSEMBLY

#### 4) PARTICIPANTS

[Please ensure that all participants are duly registered through the Congress website]



SAPIENZA  
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Filosofica  
Italiana

Thursday, August 1<sup>st</sup>: Arrival of participants

Friday, August 2<sup>nd</sup>

Venue: La Sapienza University, Piazzale Aldo Moro, 5, 00185 Roma RM, Italia

9: 00 Welcome of the participants

9:15 **Alberto Cordero**: Scientific Understanding and Truth

9:45 **Beishui Liao**: The Philosophical Foundations, Basic Characteristics, and Methodologies of Machine Ethics

10:15 **Atocha Aliseda**: From explanation to understanding

10:45-11:00 Coffee break

11:00 **Chen Bo**: Hume, Russell and JIN Yuelin on Causation: A Comparative Study

11:30 **Gerhard Heinzmann**: On the Demarcation between science and pseudo-science

12:00 **Demetris Portides**: The function of Abstraction and Idealizations in Scientific Understanding

12.30 **Marta Bertolasso**: Explaining Carcinogenesis: How Scientific Practices Converge Toward a New Conceptual Framework

13:00-14:30 Lunch break

14:30 **Fabio Minazzi**: Scientific Understanding between empiricism and transcendentalism

15:00 **Chrysostomos Mantzavinos**: The Constitution of Science

15:30 **Pablo Lorenzano**: Scientific Understanding and the Model-theoretic Account of Scientific Explanation

16:00-16:15 Coffee break

16:15 **Jure Zovko**: Understanding as a Component of Scientific Explanation

16:45 **Peter Vickers**: When does one know that one (factively) understands?

17:15 **Alexandre Guay**: Understanding possibilities in the Lagrangian formalism 17:45-18:00 Coffee break

18:00 **Itala M. Loffredo D'Ottaviano**: Basic concepts of the general theory of systems

18:30 **Lorenzo Magnani**: The Use of Mathematics as Scientific Understanding

19:00 **Liu Fenrong**: Integrating Social Dynamics in Epistemic Logic: A New Framework for Understanding Belief Formation and Revision

Saturday, August 3<sup>rd</sup>

14:00 **Benedikt Loewe**: Changing Scopes and Boundaries of Academic Disciplines

14.30-14.45 Coffee break

14.45 **Bas van Fraassen, Otavio Bueno, Anjan Chakravartty & Michel Ghins**: What is Scientific Understanding?- Panel discussion moderated by Jure Zovko



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17:00 General Assembly

20:00 Gala dinner

Sunday, August 4<sup>th</sup> Departure



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