

THE FORGOTTEN GIANTS

14-16
09. 2026

From τὰ Μαθήματα to Mathematical Sciences. Convoluteds Ways of Integration of Mathematics into Western Learning

Professor Elżbieta Jung, PhD MSc
(Head of the Center for the Philosophy of Nature)

Robert Podkoński, PhD
(Chairman of the organizing committee)

Joanna Papiernik, PhD (Secretary of the conference)

Marcin Leszczyński, PhD,
Bartosz Żukowski, PhD

PROGRAMME OF THE CONFERENCE:

Monday, September 14th, 2026.

9.45-10.00: Opening of the Conference.

Session I:

10.00-10.45: Chiara Militello (Università di Catania)

“The Relationship Between Geometry and Natural Philosophy
in Olympiodorus of Alexandria’s Commentary on Aristotle’s Meteorology”

10.45-11.30: Fernando Hurtado-Chaurand (Università della Svizzera italiana)
“Parmenides and Zeno on the Discernibility of Continuous Parts”

11.30-12.00: Coffee break

12.00-12.45: Pavel Gregorić (Institut za filozofiju, Zagreb)
“Aristotelian Qualities and Cartesian Minds”

13.00-14.00: Lunch break

Session II:

14.00-14.45: Joseph Ulatowski (University of Waikato)

“Logical Injustice and the Semantic Conception of Truth in Alfred Tarski and Maria Kokoszyńska”

14.45-15.30: Cathy Zhu (McMaster University)
“Akrasia and Inductive Inference”

15.30-16.00: Coffee break

16.00-16.45: Ivana Skuhala Karasman (Institut za filozofiju, Zagreb)

“The Relationship Between Mathematics and Astrology. The Case of Georgius Raguseus”

Tuesday, September 15th, 2026.

Session I:

10.00-10.40: Sylvain Roudaut (CNRS – SPHERE, Paris Cité University)

“Hybrid Forms of Mathematization in Medieval Physics: Arabic Models and Their Latin Reception”

10.40-11.30: Roberto Zambiasi (Università di Torino)

“Walter Burley on Whether Substance Admits of a More and a Less in Q. 6 on
Book V of the Expositio cum quaestionibus super libros Physicorum”

11.30-12.00: Coffee break

12.00-12.45: Yanick Laverdière (Université de Montréal)

“Must we divide the world into slices? Quantifying elemental resistance to motion in the XIVth century”

13.00-14.00: Lunch break

Session II:

14.00-14.45: Mohammad Esmaeili (The Iranian Research Institute of Philosophy, Tehran)

“Avicenna’s Cosmological Synthesis. Connecting Aristotle’s De Caelo, Ptolemy’s Almagest, and
Euclid’s Elements”

14.45-15.30: Tuomas Pernu (Itä-Suomen yliopisto, Kuopio)
“The Forgotten Idea of the System”

15.30-16.00: Coffee break

16.00-16.45: Luka Boršić (Institut za filozofiju, Zagreb)

“Francesco Patrizi/Frane Petrić on Space, Time, and Continuity Towards Mathematical Ontology”

Wednesday, September 16th, 2026.

Session I:

10.00-10.45: Elżbieta Jung (Uniwersytet Łódzki)

“Truth, Logic, and Mathematics in Richard Kilvington’s Theology”

10.45-11.30: Daniel A. Di Liscia (Ludwig-Maximilians-Universität München)
„The Calculators’ Tradition in Italy and the Geometry of Motion”

11.30-12.00: Coffee break

12.00-12.45: Bartosz Żukowski (Uniwersytet Łódzki)

“Quantifying Nature, Subjectivising Qualities: The Early Modern Transformation of the Sensible
World”

13.00-14.00: Lunch break

Session II:

14.00-14.45: Lorenzo Cocco (Politechnika Warszawska)

“Do Mathematical Facts Have Physical Effects?”

14.45-15.30: Bartłomiej Skowron and Antonio Vassallo (Politechnika Warszawska)
“A Dialogue between Platonism and Materialism in Light of Modern Science”

15.30-16.00: Coffee break

16.00-16.45: Franco Manni (Liceo Scientifico Statale „Leonardo,” Brescia)
„Mathematics and Physics According to Lucio Russo”