

Bucharest Colloquium in Early Modern Science

ICUB Humanities, 1 Dimitrie Brandza street; Faculty of Philosophy, 204 Splaiul independentei.

Wednesday, October 30th

ICUB Humanities, 1 Dimitrie Brandza street and Faculty of Philosophy, 204 Splaiul independentei

9:30 – 10:00 | Coffee & welcome

Morning session – ICUB Humanities, 1 Dimitrie Brandza street (Chair: Grigore Vida)

10:00 – 11:00	Dana Jalobeanu (ICUB Humanities, Bucharest): Experiments in the making: instruments and forms of quantification in Francis Bacon’s History of dense and rare.
11:00 – 11:10	Coffee break
11:10 – 11:50	Martí Clua Torres (University of València): The Fourteenth-century Concept of Mathematical Function and the Development of Modern Physics
11:50 – 12:30	Monica Solomon (Stanford University): Newton’s Water-Bucket Example: An Exercise in the Mathematization of Motion
12:30 – 12:40	Coffee break
12:40 – 13:40	Sébastien Maronne (University of Toulouse): Experimental practices and thought experiments in early modern geometry
13:40 – 16:10	Lunch break

Afternoon session – Faculty of Philosophy, 204 Splaiul independentei
(Chair: Dana Jalobeanu)

16:10 – 16:50	Sergio Orozco (University of Edinburgh): ‘The present frame of nature’, or why Newton did not use ‘laws of nature’
16.50 – 17.30	Troy Vine (Humboldt University of Berlin): Newton’s Mathematical Approach to Colour and its Radicalization by Goethe
17:30 – 18:00	Coffee break
18:00 – 19:00	Friedrich Steinle (Technical University Berlin): Mathematization and experiment: Newton on dynamics and colour theory

Dinner (not provided)

Thursday, October 31st
(ICUB Humanities, 1 Dimitrie Brandza street)

10:30 – 11:10 | Coffee

Morning session (Chair: Mihnea Dobre)

11:10 – 11:50 | **Hanna Szabelska** (Jagiellonian University, Kraków):
Discourse on the Torricellian Experiment: Between *linea motus*
(Valeriano Magni) and the *Art of Algebraic Invention* (Jacob Bernoulli)

11:50 – 12:30 | **Sam Eklund** (University of California, Irvine):
Impossible but Free from Contradiction: Imaginary Entities in Leibniz's
Mathematics

12:30 – 14:30 | Lunch break

Afternoon session (Chair: Ovidiu Babeş)

14:30 – 15:10 | **Krisztián Pete** (University of Pécs):
Berkeley's 'conceptual critique' in *The Analyst*—And how fluxionists missed
its point

15:10 – 15:50 | **Lorenzo Mileti Nardo** (University of Turin):
The Mathematics of Experience: Wolff on Experiment and Hypothesis in the
Methodology of Natural Sciences

15:50 – 16:00 | Coffee break

16:00 – 17:00 | **Philip Beeley** (University of Oxford):
Mathematics, Mechanics, and the Transformation of Nature in the Early
Royal Society

Dinner (not provided)

Friday, November 1st

9:30 – 10:00 | Coffee

Morning session (Chair: Oana Matei)

10:00 – 10:40	Guillem Sales Vilalta (University of Barcelona): Does Mechanistic Philosophy involve Mathematization? The case of Christian Wolff (1679-1750)
10:40 – 11:20	Rudolf Meer (Immanuel Kant Baltic Federal University): Kant's Transcendental Justification of the Action at a Distance
11:20 – 11:30	Coffee break
11:30 – 12:30	Andrew Janiak (Duke University): From Newton's physics to Du Châtelet metaphysics: the limits of the empirical approach to nature

End of the Colloquium

Start of the Bucharest Graduate Conference