

Thursday, March 15

All conference sessions on March 15 will take place in Drakopoulos Hall at the Central Building of the University of Athens (Panepistimiou 30).

2:30 – 2:45 p.m. Welcome

Costas Dimitracopoulos
Theodore Arabatzis

2:45 – 4:15 p.m. David Marshall Miller

“Pluribus Ergo Existentibus Centris: Explanations, Descriptions, and Copernicus”

Teru Miyake

“Underdetermination and Decomposition in Kepler’s *Astronomia Nova*”

Chair: Theodore Arabatzis

4:15 – 4:45 p.m. Coffee break

4:45 – 6:15 p.m. Donald Gillies

“Why Do Scientific Revolutions Begin?”

Michela Massimi

“‘Working in a new world’: Kuhn, Constructivism, and Mind-Dependence”

Chair: Vasso Kindi

6:15 – 6:45 p.m. Coffee break

6:45 – 7:45 p.m. Jed Buchwald (key note address)

“Incommensurability and Evidence”

Chair: Kostas Gavroglu

8:00 – 9:00 p.m. Reception

Friday, March 16

All conference sessions on March 16 will take place in Drakopoulos Hall at the Central Building of the University of Athens (Panepistimiou 30).

9:30 – 11:00 a.m. Jennifer Rampling

“‘New wine in old bottles’: Replicating Alchemical Experiments”

Jutta Schickore

“The Nature and Roles of Methods Accounts in Experimental Reports”

Chair: Friedrich Steinle

11:00 – 11:30 a.m. Coffee break

11:30 – 1:00 p.m. Sally Riordan

“The Objectivity of our Measures: How many Fundamental Units of Nature?”

Arianna Borrelli

“Symmetries and Conserved Quantities in Integrated Historical-Philosophical Perspective”

Chair: Hasok Chang

1:00 – 2:30 p.m. Lunch break

2:30 – 4:45 p.m. Alisa Bokulich

“Maxwell’s Method of Physical Analogy and the Unreasonable Effectiveness of Mathematics”

Marij van Strien

“The Norton Dome and the Nineteenth Century Foundations of Determinism”

Jonathan Everett

“The Role of the Rotating Frame Thought Experiment in the Genesis of General Relativity”

Chair: John Norton

4:45 – 5:15 p.m. Coffee break

5:15 – 7:30 p.m. Hasok Chang

“Operationalism and Realism in 19th Century Atomic Chemistry”

Michael Liston

“The Historical Roots of 19th Century Antirealism”

Klodian Coko

“Epistemology of a Believer: Making Sense of Duhem’s Anti-atomism”

Chair: Alan Chalmers

Saturday, March 17

All conference sessions on March 17 will take place in the Cultural Center of the University of Athens – Kostis Palamas Building (Akadimias 48).

9:30 – 11:00 a.m. Samuel Schindler

“Facing Giere’s Challenges to the History and Philosophy of Science”

Charles H. Pence

“The Early History of Chance in Evolution: Causal and Statistical in the 1890s”

Chair: Jutta Schickore

11:00 – 11:30 p.m. Coffee break

11:30 – 1:00 p.m. Massimiliano Badino

“How Theories Begin: Max Planck and the Genesis of Quantum Theory”

Johannes Lenhard

“The Changing Relationship between Simulation and Experiment: The Case of Quantum Chemistry”

Chair: Vassilios Karakostas

1:00 – 2:30 p.m. Lunch break (&HPS committee meeting)

2:30 – 4:00 p.m. Angelo Cei

“The Epistemic Structural Realist Program. Some Interference”

Robert Rynasiewicz

“Where Positivism Went Right: The Positron and the Literal View of Theories”

Chair: Michela Massimi

4:00 – 4:30 p.m. Coffee break

4:30 – 6:00 p.m. Marilena Di Bucchianico

“A Matter of Phronesis: Experiment and Virtue in Physics, a Case Study”

Katherine Brading

“The Present as an Empirically Testable Hypothesis: A Case Study in Reading Physics as a Part of the History of Philosophy”

Chair: Don Howard

6:00 – 6:30 p.m. Coffee break

6:30 – 7:30 p.m. Thomas Ryckman (key note address)

“What Does History Matter to Philosophy of Physics?”

Chair: Stathis Psillos

8:00 – 10:00 p.m. Conference dinner

Sunday, March 18

All conference sessions on March 18 will take place in the Hotel Titania (Panepistimiou 52).

9:30 – 11:00 a.m. Maarten Van Dyck

“Galileo’s Use of Experimentation and the Limits of Nature”

Dana Jalobeanu

“Experimenting with Spirits: the Creative and Therapeutic Role of Experimentation on Francis Bacon’s Natural Histories”

Chair: Faidra Papanelopoulou

11:00 – 11:30 p.m. Coffee break

11:30 – 1:00 p.m. Mihnea Dobre

“Vacuum Experiments in Cartesian Context”

Madalina Giurgea

“On the Role of Experiment in Descartes’ *Meteorology*”

Chair: Dionysios Anapolitanos

About &HPS

&HPS is distinctive in that it is both historical and philosophical at the same time.

Good history and philosophy of science is not just history of science into which some philosophy of science may enter, or philosophy of science into which some history of science may enter. It is work that is both historical and philosophical at the same time. The founding insight of the modern discipline of HPS is that history and philosophy have a special affinity and one can effectively advance both simultaneously.



COMMITTEE

Theodore Arabatzis ◊ University of Athens
Bernadette Bensaude-Vincent ◊ Université Paris X
Jed Buchwald ◊ California Institute of Technology
Alan Chalmers ◊ University of Sydney
Hasok Chang ◊ University of Cambridge
Moti Feingold ◊ California Institute of Technology
Steven French ◊ University of Leeds
Don Howard ◊ University of Notre Dame
Manfred Laubichler ◊ Arizona State University
Alan Love ◊ University of Minnesota
Jane Maienschein ◊ Arizona State University
Michela Massimi ◊ University College, London
Bill Newman ◊ Indiana University
John Norton ◊ University of Pittsburgh
Robert Rynasiewicz ◊ Johns Hopkins University
Jutta Schickore ◊ Indiana University
Alan Shapiro ◊ University of Minnesota
Friedrich Steinle ◊ Technische Universitaet Berlin

PARTICIPANTS

Dionysios Anapolitanos ◊ University of Athens
Theodore Arabatzis ◊ University of Athens
Massimiliano Badino ◊ Max Planck Institute for the History of Science
Alisa Bokulich ◊ Boston University
Arianna Borrelli ◊ Wuppertal University
Katherine Brading ◊ University of Notre Dame
Jed Buchwald ◊ California Institute of Technology
Angelo Cei ◊ University of Leeds
Alan Chalmers ◊ University of Sydney
Hasok Chang ◊ University of Cambridge
Klodian Coko ◊ Indiana University
Marilena Di Buccianico ◊ San Francisco State University
Costas Dimitracopoulos ◊ University of Athens
Mihnea Dobre ◊ University of Bucharest
Jonathan Everett ◊ University College London
Kostas Gavroglu ◊ University of Athens
Donald Gillies ◊ University College London
Madalina Giurgea ◊ University of Ghent
Don Howard ◊ University of Notre Dame
Dana Jalobeanu ◊ University of Bucharest
Vassilios Karakostas ◊ University of Athens
Vasso Kindi ◊ University of Athens
Johannes Lenhard ◊ Bielefeld University
Michael Liston ◊ University of Wisconsin-Milwaukee
Michela Massimi ◊ University College London
David Marshall Miller ◊ Duke University
Teru Miyake ◊ Nanyang Technological University
John Norton ◊ University of Pittsburgh
Faidra Papanelopoulou ◊ University of Athens
Charles H. Pence ◊ University of Notre Dame
Stathis Psillos ◊ University of Athens
Jennifer Rampling ◊ University of Cambridge
Sally Riordan ◊ Stanford University
Thomas Ryckman ◊ Stanford University
Robert Rynasiewicz ◊ Johns Hopkins University
Jutta Schickore ◊ Indiana University
Samuel Schindler ◊ University of Aarhus
Friedrich Steinle ◊ Technische Universitaet Berlin
Maarten Van Dyck ◊ Ghent University
Marij van Strien ◊ Ghent University

LOCAL ORGANIZERS

Theodore Arabatzis
 Kostas Gavroglu
 Vasso Kindi
 Stathis Psillos
 Eirini Mergoupi-Savaidou

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