

HOPOS 2010
HOPOS Conference Program

Thursday, June 24

Registration: 11am to 2pm (Octagon atrium, Monument bldg)

Conference Opening: 1:30pm (Auditorium)

Alan Richardson (University of British Columbia; Past President, HOPOS)
Welcome

Afternoon Sessions: 2pm to 5pm

Symposium 1: The Vienna Circle between Programmatic Aims and Political Commitment
(Auditorium)

Tibor Frank (Eötvös Loránd U. Budapest) Chair

Günther Sandner (U. of Vienna) Otto Neurath and Politics: Political Intellectual or Social Engineer?

Elisabeth Nemeth (U. of Vienna) From a Sociological Point of View. Can Philosophy of Science be Political, and if so, in What Sense?

Donata Romizi (U. of Vienna) The Vienna Circle's "Scientific World Conception" and the Primacy of Practical Reason

Thomas Mormann (U. del Pais Vasco) "Germany's Defeat" as a Programme: On Carnap's Political and Philosophical Beginnings

Panel 1: The Impact of Philosophy on Research (Popper Room)

Jane Maienschein (Arizona State U.) Competing Embryological Epistemologies: How Do We Study Development?

Alexandru Manafu (U. of Western Ontario) The British Emergentist View On Chemistry

Joseph Martin (U. of Minnesota) Fundamentality and the Role of Philosophy in Later Twentieth Century Physics

Thomas Reydon (U. Hannover) A Brief History of Kinds

Panel 2: Epistemology (Gellner Room)

John McCaskey (Stanford U.) Whence the Uniformity Principle

Cornelis Menke (Bielefeld U.) John Stuart Mill on Predictions: the Whewell-Mill Debate

Axel Gelfert (National U. of Singapore) Observation, Experiment, and Imagination: Elements of
Edgar Allan Poe's Philosophy of Science

Stefania Scardicchio (U. di Bari) Lewis and Goodman: The Debate on the Given Element
in Empirical Knowledge

Symposium 2: On the Role of Experiment in Philosophy (Monument Bldg 203)

Benedek Láng (Budapest T.U.) Chair

Peter Anstey (U. of Otago) The Bacon-Boyle-Hooke View of Experiment

Alberto Vanzo (U. of Otago) Immanuel Kant on Experiment

Alexander Klein (Cal. State. U.) In Defence of Berkeley's Empiricism? Galton's
Experiments

Concerning Abstract General Ideas

Panel 3: Kant (Nador 11 bldg, Room 004)

Katherine Dunlop (Brown U.) "Pure Intuition" in the Critique of Pure Reason and in the
Later Elaboration of Kant's Critical Philosophy

Jeremy Heis (U. Cal. Irvine) Kant on Parallel Lines

Berna Kilinc (Boğaziçi U.) Kant's Notion of Objective Probability

Marius Stan (California Inst. of Technology) The Pre-Critical Kant on the Relativity of Motion

Coffee Break: 5pm to 5:30pm (Auditorium atrium)

Plenary Session I: 5:30pm to 7pm (Auditorium)

Warren Schmaus (Illinois Institute of Technology) Introduction

John Losee (Lafayette College) Three Post-World War II Theories about Causal Relatedness

Reception: Celebration of HOPOS Journal Launch 7pm (Auditorium atrium)

Sponsored by The University of Chicago Press

Friday, June 25

Steering Committee Meeting: 8am to 9am (Senate Room, Monument bldg)

Coffee Break: 9am to 9:30pm (Auditorium atrium)

Morning Sessions: 9:30am to 12:30pm

Panel 4: Early Logical Empiricism/Vienna Circle I (Popper Room)

Elisabeth Nemeth (U. of Vienna) Chair

Başak Aray (U. Paris 1) Knowledge Visualization through ISOTYPE as a Logical Empiricist Look on Science, Democracy and Education

Helmut Heit (TU Berlin) Positivist Post-Positivism Nietzsche's Reception in the Vienna Circle

Artur Koterski (Marie Curie-Sklodowska U.) The Lviv-Warsaw School Contribution to Encyclopaedism

Symposium 3: Lakatos – Life and Work in Light of Unpublished Archival Documents (Auditorium)

Gábor Kutrovátz (Eötvös Loránd U. Budapest) Lakatos' Unchanging Views on Science

Miklos Redei (London School of Economics) Informal, Early Reception of Lakatos' "Proof and Refutations"

Michael Stöltzner (U. of South Carolina) Mathematical Thought Experiments in Mach, Pólya, and Lakatos

András Máté (Eötvös Loránd U. Budapest) The Formation of Lakatos' Philosophy of Mathematics

Zsuzsanna Vajda (Miskolc U.) The Life Story of Imre Lakatos and the Tale of his Life Story

Panel 5: Neo-Kantianism & Conventionalism (Gellner Room)

Katherine Dunlop (Brown U.)	Chair
Francesca Biagioli (U. di Torino)	Hermann Cohen and Alois Riehl on Geometrical Empiricism
Gabriella Crocco (U. de Provence)	Poincaré's Neo-Kantianism and his Conception of the Continuum
Teru Miyake (Stanford U.)	Three Notions of Underdetermination in Duhem
Michael T. Stuart (U. Toronto)	The Role of Henri Poincaré and Pierre Duhem in the Establishment of Conventionalism

Panel 6: Philosophy of Social Science (Monument bldg 203)

Anna Wessely (ELTE)	Chair
Heather Douglas (U. of Tennessee)	Social Science, the Unity of Science, and Values of Science
Eric Schliesser (Leiden U.)	The Weberian Roots of Chicago Economics
Andreas Georg Stascheit (KWI Essen)	Crisis and Method: Edmund Husserl in Economic Thought
Daria Drozdova (Higher School of Economics Moscow)	Alexandre Koyré Disciple of Emile Meyerson: The Immutability and Historicity of Human Reason

Panel 7: Experimentalism in the 17th century (Nador 11 bldg, Room 004)

Andrew Aberdein (Florida Inst. of Technology)	Francis Bacon, Prerogative Instances, and Argumentation Schemes
John McCaskey (Stanford U.)	Bacon's Idols and Harvey's Eggs

Kristian Camilleri (U. of Melbourne) Thought Experiments in Early Modern Science

Tamás Demeter (Max Planck Inst.) & Gábor Zemlén (Budapest U. of Technology) Lessons from the Debate on the Demonstrativity of the Experimentum Crucis —or how to be charitable to controversies

Symposium 4: Proclus Commentary on the First Book of Euclid's Elements and its Reception in Early Modern Times (Nador 11 bldg, Room 006)

Jim Lennox (U. of Pittsburgh) Chair

Bernardo Mota (Technische U. Berlin) Re-reading the Role of Proclus in Quaestio de Certitudine Mathematica

Guy Claessens (De Wulf-Masion Centre for Philosophy) The Renaissance Reception of Proclus' Geometrical Imagination

Pieter d'Hoine (De Wulf- Mansion Centre for Philosophy) Proclus' Argument from Imperfection

Orna Harari (Tel Aviv U.) Aristotelian Demonstrations and Neo-Platonic Ontology: The Notion of Proof in Proclus' Commentary on Euclid's Elements

Business Meeting: 12:30pm to 1:30pm (Auditorium)

Open to all members

Afternoon Sessions: 2pm to 5pm

Panel 8: Early Logical Empiricism/Vienna Circle II (Auditorium)

Sebastian Lutz (Utrecht U.) Two Constants in Carnap's View on Scientific Theories

Matthias Neuber (U. Tübingen) Invariance, Structure, Measurement – Eino Kaila and the History of Logical Empiricism

Flavia Padovani (U. of British Columbia) Probability between Fiction and Reality: Reichenbach's

Columbia) Correspondence with Paul Hertz

Thomas Uebel (U. of Manchester) Pragmatism and the Vienna Circle

Symposium 5: Gaston Bachelard and Georges Canguilhem: Tradition and Revolution in Twentieth Century Philosophy of Science (Gellner Room)

Christina Chimisso (The Open U. Milton Keynes) The Life Concepts of Georges Canguilhem's Historical Epistemology

Teresa Castelao-Lawless (Grand Valley State U.) Metaphysical and Conceptual Stories of the Scientific Mind

Jean-Sébastien Bolduc (U. de Bourgogne) The Figure of the Scientist in Bachelard's Philosophy of Science

Panel 9: Social Character of Inquiry (Popper Room)

Will Krieger (U. of Rhode Island) Chair

Alan Richardson (U. of British Columbia) Structural Objectivity and the "Emotional Needs" of

Columbia) Philosophy: Logical Empiricism as Virtue Epistemology

Warren Schmaus (Illinois Institute of Technology) Science and the Social Contract in Renouvier

Torsten Wilholt (Bielefeld U.) The Birth of Scientific Freedom out of the Spirit of Revolution: The Freedom of Science in 19th Century German Political Thought

Eduard Glas (Delft U. of Tech.) Between Pólya and Popper: Lakatos' Heuristic

Panel 10: Philosophy of Physics: Relativity & Quantum Mechanics (Nador 11 bldg, Room 004)

Miklós Rédei (LSE)

Chair

Marco Giovanelli (U. di Torino)

Empiricist Interpretation of General Relativity

Indiscernibility: On Leibniz's Influence on the Logical

Elise Crull (U. of Notre Dame)

Gedankenexperiment

Grete Hermann and the Gamma-Ray Microscope

Jeongmin Lee (School of Humanities

and Social Sciences, KAIST)

Complementarity, Classical Concepts, and the

A priori

Panel 11: 17th Century Philosophy of Science: Mathematics, Mechanics and Life (Nador 11 bldg, Room 006)

Helen Hattab (U. of Houston)

Chair

Eric Audureau (CEPERC)
the Gender of a Curve

Descartes Metaphysics and the Mathematical Concept of

Madalina Giurgea (U. of

Bucharest)

The Concept of Time in Descartes' System of Thought

Peter Distelzweig (U. of

Pittsburgh)

17th Century Teleo-Mechanics in Anatomy: Muscle,

Mathematics and Animal Locomotion

Coffee Break: 5pm to 5:30pm (Auditorium atrium)

Plenary Session II: 5:30pm to 7pm (Auditorium)

James Lennox (U. of Pittsburgh)	Introduction
Rose-Mary Sargent (Merrimack College)	From Bacon to Banks: The Vision and the Realities of Pursuing Science for the Common Good

Saturday, June 26

Steering Committee Meeting: 8am to 9am (Senate Room)

Coffee Break: 9am to 9:30am (Auditorium atrium)

Morning Sessions: 9:30am to 12:30pm

Panel 12: 19th century philosophy of science (Auditorium)

Karl Hall (CEU)	Chair
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Maarten van Dyck (Ghent U.)	Haunted by Circular Motions: Koyré and Drake on Metaphysics and the Scientific Revolution
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Michael Heidelberger (U. Tübingen)	Maxwell's Method of 'Physical Analogy' and Structural Realism
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Don Howard (U. of Notre Dame) Boltzmann Edits Maxwell

Amirouche Moktefi (IRIST
Strasbourg) What the Tortoise Never Said to Achilles

Symposium 6: Context of Discovery, Context of Justification and the Program of Rational
Reconstruction (Popper Room)

Friedrich Stadler (U. of Vienna) Chair

Hans-Joachim Dahms (U. of Vienna) Kuhn, Feyerabend and the Structural View of Theories

Michael Schorner (U. of Innsbruck) The Impact of the Descriptive Approach in Philosophy of
Science in Germany

Christian Damböck (U. of Vienna) Thomas Kuhn's Concept of Incommensurability and the
Stegmüller/Sneed Program as a Formal Approach to that
Concept

Christoph Limböck-Lilienau Theory-ladenness of Observation and the New
Psychology
(U. of Vienna) of Perception

Panel 13: Axioms, Models, Modeling (Gellner Room)

Anastasios Brenner (U. Mont- Axiomatizing Physical Theory: Kirchhoff, Mach, Poincaré
pellier III) and the Vienna Circle

Christopher French (U. of Reichenbach, von Kries, and Boltzmann on the
Justification
British Columbia) for Objective Probabilities

Yvon Gauthier (U. of Montreal) The Notion of Analytical Apparatus

Panel 14: Aristotle and Theophrastus (Nador 11 bldg, Room 004)

István Bodnár (CEU and ELTE) Chair

Boris Hennig (Humboldt U.) & Aristotle's Argument Against Functionalism

Catherine Stinson (U. of Pittsburgh)

James Lennox (U. of Pittsburgh) Aristotle on Norms of Scientific Inquiry

Pierre Pellegrin (CNRS Paris) Aristotle as a Scientist

Tiberiu Popa (Butler U.) Fiery Disposition: Notes on Scientific Method in
Theophrastus' De Igne

Symposium 7: Leibnizianism and Anti-Leibnizianism in 18th thought: Life, Mind and Freedom
(Nador 11 bldg, Room 006)

Michael V. Griffin (CEU) Chair

Justin E. H. Smith (Concordia U.) Georg Ernst Stahl and the Curious History of Leibnizian
'Vitalism'

Brandon C. Look (U. of Kentucky) Euler's Anti-Leibnizian Critique: Monadism, Dynamism
and Rationalism in the 'Letters to a German Princess'

Nigel DeSouza (CREUM) Herder's Leibnizian Foundations

Charles Wolfe (U. of Sydney) Why was there no Controversy over Life in the Scientific
Revolution?

Journal Editorial Board Lunch: 12:30pm to 2pm (Senate Room)

Afternoon Sessions: 2pm to 5pm

Panel 15: Pragmatism (Auditorium)

Warren Schmaus (Illinois Institute of Technology) Chair

Peter Olen (U. of South Florida) Pragmatism and Positivism as Scientific Philosophy?
Reconsidering the 1930s

Tibor Solymosi (Southern Illinois Continuity, Naturalism, and the Subject-Matter of
Science in

U. at Carbondale) John Dewey's Darwinian Philosophy of Science

Richard Creath (Arizona State U.) Problems and Changes in Quine's Discussion of
Simplicity

Symposium 8: Variations on Kant – Modifications of the A Priori in the 1920s and 30s (Popper Room)

Dominik Gerstdorfer (WPK Uexküll between Kant and Quine
Tübingen)

Daniel Bosse (U. Tübingen) The Possibility of an A Priori in Rudolf Carnap's
Logischer Aufbau der Welt

Tom Poljansek (U. Tübingen) The "Apriori of Preparation" – Gaston Bachelard as a Post-
Kantian

Stump, David J. (U. of San Reconsidering the Logical Positivist Rejection of A Priori
Francisco) Knowledge

Symposium 9A: The Changing Nature and Role of Mathematical Axioms (Nador 11 bldg, Room 006)

Janet Folina (Macalester College) Axioms, Evidence and Truth/Axiomatization and
Abstraction
& Jean-Pierre Marquis (U. de Mont-
réal)

Symposium 9B: The Early Feyerabend (Nador 11 bldg, Room 006)

Eric Oberheim (HU Berlin) Falling in and out of Falsificationism. Feyerabend's
Relation
to Popper

Matteo Collodel (U. "Ca' Foscari"
Venezia) Wasn't Feyerabend Really a Popperian After All?

Panel 16: Newtonian Foundations (Nador 11 bldg, Room 004)

Eric Schliesser (Leiden U.) Chair

Steffen Ducheyne (Ghent U.) Facing the Limits of Deductions from Phenomena:
Newton's Quest for a Mathematical-Demonstrative Optics

Hylarie Kochiras (U. of Buffalo) Two Senses of Activity, and Gravity in Newton's Treatise

Michael White (Arizona State U.) Newton's Principia Mathematica: Mathematics but not
Natural Philosophy?

Panel 17: Cartesian Empiricism (Gellner Room)

Delphine Bellis (Utrecht U. /
Paris-Sorbonne U.) Rethinking the Place of Experience in Cartesian Natural
Philosophy: the Case of Regius

Patricia Easton (Claremont
on
Graduate U.) The Father of Cartesian Empiricism: Robert Desgabets
the Physics and Metaphysics of Blood Transfusion

Tammy Nyden (Grinnell College)
Pedagogy, Cartesian Physics De Volder and the Physics Theatre: Experimental

Mihnea Dobre (Radboud U.) Jacques Rohault and the Use of Experiment in Cartesian
Physics

Symposium 10: The Medicine of the Mind and Natural Philosophy in Early Modern England:
Francis Bacon's Intellectual Background (Monument bldg 203)

Dana Jalobeanu (U. of Bucharest) Natural History, Natural Philosophy, and Medicine of
the) Mind: The Novelty of Bacon's Project Revisited

Sorana Corneanu (U. of Bucharest) The Generic Context of Francis Bacon's "New
Logic"

Dan Garber (Princeton U.) Commentary and chair

Coffee Break: 5pm to 5:30pm (Auditorium atrium)

Plenary Session III: 5:30pm to 7pm (Auditorium)

Alan Richardson (U. of British Columbia) Introduction

Friedrich Steinle (TU Berlin) The History of Philosophy of Experiment: New
Perspectives

Banquet: 8pm

Location: The Danube Palace Cultural Center (across the street from CEU)

Sunday, June 27

Coffee Break: 9am to 9:30am (Auditorium atrium)

Morning Sessions: 9:30am to 12:30pm

Symposium 11: Interpretation, Model, and Axiomatization in Carnap's Philosophy. A Reassessment of Carnap's Contribution to the history of semantics (Popper Room)

Georg Schiemer (U. of Vienna) Carnap's Reception of Fraenkel's Axiom of Restriction

Ronan de Calan (U. Paris 1) Carnap and Hilbert on the Axiomatization of the Non-Mathematical Fields

Erich Reck (UC at Riverside) Carnap and Tarski: From Logicism to Model Theory

Pierre Wagner (U. Paris 1) Carnap and Kemeny on State-Descriptions, Models, and Interpretations

Panel 18: 19th and 20th-century Philosophy of Science (Auditorium)

Gábor Zemplén (Budapest Technical U.) Chair

Dani Hallet (U. of British Columbia) The Legacy of Goethe's Farbenlehre

Saul Fisher (Hunter College) Philosophical Foundations of a Science of Architecture, 1886-1954

Panel 19: Philosophy of Mathematics (Gellner Room)

Eduardo Giovannini (U. Paderborn) Remarks on the Notion of 'Spatial Intuition' in Hilbert's

Early Works on the Foundation of Geometry

Lydia Patton (Virginia Tech) Hilbert's Method of Analogy: Signs and Axiomatics in

Physics and Mathematics

Sean Walsh (U. of Notre Dame) Kronecker on Arithmetization, and His Relation to

Helmholtz & Kirchhoff

Panel 20: Cartesian Metaphysics in Natural Philosophical Context: Descartes on Mathematics, Medicine, and Meteorology (Monument bldg 203)

Mary Domski (U. of New Mexico) The Mathematics and Metaphysics of Descartes' Mature
Philosophy

Gideon Manning (California Inst. Connecting the Roots and the Branches: Metaphysics
of Technology) and Medicine in Descartes' Philosophy

Craig Martin (U. of Oakland) Forms and Qualities in Descartes' Meteorological
Explanations

Dan Garber (Princeton U.) Comments and chair

Panel 21: Forms of Monism in the 17th Century (Nador 11 bldg, Room 004)

Márta Fehér (Budapest Technical U.) Chair

Alison Peterman Spinoza's Alleged Explanatory Materialism

Eric Schliesser (Leiden U.) Spinoza's Criticism of Mathematical and Experimental
Science

Edward Slowik (Winona State U.) The Emergence of Leibnizian Space: Whither
Relationism?

Helen Hattab (U. of Houston) Gorlaeus' Atomist Monism and Its Implications for
Scientific

Knowledge

File attachments:

application/msword iconhapos-program.doc

Call for Proposals

Registration

Conference Program

Abstracts (A-K)

Abstracts (L-Z)

Committees

Accommodations

Visitor Information

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