

1998 HOPOS Conference Program – Notre Dame – 2nd meeting

Thursday, March 12

5 - 7 p.m. Registration

7 - 9 p.m. Reception

Friday, March 13

9:00 - 10:20 a.m. Session IA:

1. Gary Hardcastle, "The Science of Experience in the 1930s"
2. Todd Davis, "The Philosophy of Experiment and the Question of 'Theory':
An Historiographical Query in the Turn to Practice in History and
Philosophy of Science"

Chair: William McKinney

9:00 - 11:40a.m. Sessions IB & IIB:

Panel: "Early 17th-century Physics: Scholastics vs. Novatores."

1. Roger Ariew, "Descartes, Basso, and Post-Renaissance Scholastics: Three
Kinds of Corpuscularians"
2. Daniel Garber, "Descartes, Mathematics, and the Physical World"
3. Dennis Des Chene, "Honor Fabri: The Parts of Mixture and the
Reconstitution of Physical Science"
4. William R. Newman, "Alchemical Corpuscular Theory and
Aristotle's "Meteorology" in the Seventeenth Century."

Chair: Douglas Jesseph

10:20 - 10:30 Break

10:30 - 11:50 Session IIA

1. Michael Heidelberger, "J. von Kries' theory of probability: its
roots in Helmholtz' geometry, its influence on Wittgenstein and
Waismann"
2. Michael Friedman, "Helmholtz's ZEICHENTHEORIE and Schlick's ALLGEMEINE
ERKENNTNISLEHRE: Early Logical Empiricism and its Nineteenth Century
Background"

Chair: Alan R. Richardson

11:50 - 1:00 Lunch

1:00 - 3:00 Session IIIA

Panel: Philosophy, Psychology, and the Geisteswissenschaften
in late 19th c. Thought

1. Warren Schmaus, "Hypothesis, Philosophy, and Durkheimian Sociology"
2. R. Lanier Anderson, "Neo-Kantianism, Psychologism, and the Human Sciences"
3. Gary Hatfield, "Wundt and the Relation between Psychology and the _Geisteswissenschaften_"

Chair: James Maffie

1:00 - 3:00 Session IIIB

1. Paul Lodge, "The Failure of Leibniz's Correspondence with De Volder"
2. Lisa Downing, "Clarke and Bentley on Gravity, God's Action, and Body's Passivity"
3. John T. Roberts, "Leibniz's "Newtonianism"

Chair: Laura Rediehs

3:00 - 3:10 Break

3:10 - 5:10 Session IVA

Panel: 19th Century Philosophy of Science

1. Laura J. Snyder, "Renovating the _Novum Organum_: Whewell, Bacon, and Induction"
2. Phillip Sloan, "Kant in England Revisited: the Context of Whewell's Philosophy of Discovery"
3. Chris McClellan, "Auguste Comte's Concept of 'Evolution'"

Chair: Kent Staley

3:10 - 5:10 Session IVB

Panel: Kant and Natural Science

1. Wolfgang Malzkorn, "Kant and the Dynamics of Science"
2. Eric Watkins, "Kant and Rational Cosmology"
3. Martin Carrier, "Kant's Mechanical Determination of Matter in the _Metaphysical Foundations of Natural Science_"

Chair: Rose-Mary Sargeant

5:10 - 5:30 Break

5:30 - 6:30 Plenary Session: Tom Nickles on Kuhn, Feyerabend, Popper

6:30 Dinner at local restaurants

Saturday, March 14

9:00 - 10:20 a.m. Session VA

1. Jean Leroux, "Picture Theories as Forerunners of the Semantic Approach to Scientific Theories"
2. Kelly Hamilton, "Wittgenstein and the Mind's Eye"

Chair: Lisa Shabel

Sessions VB & VIB 9:00 - 12:20

Panel: Conceptions of scientific method in Greek antiquity

1. James G. Lennox, "De Partibus Animalium I: Bridging the Methodological Divide"
2. Alan C. Bowen, "Ptolemy on the Contribution of Sense-Perception and Reason to Scientific Knowledge"
3. Alexander Jones, "On the derivation of Ptolemy's world map"
4. Donald Morrison, "Proclus on Analytic Method"
5. Michael Dickson, "Epicurean Induction"

Chair: Cassandra Pinnick

10:20 - 10:30 Break

10:30 - 11:50 Session VIA

1. Paul Pojman, "Motivations and Solutions in the Aufbau"
2. Owen Chapman, "Carnap and the Demise of Logical Positivism"

Chair: George Gale

11:50 - 1:00 Lunch

1:00 - 3:00 Session VIIA

Panel: Logical Empiricism and the Sciences: Philosophy of Science as Methodology

1. Thomas E. Uebel, "Carnap and Neurath: Can their Discord in Exile be Overcome?"
2. Alan Richardson, "Science and Its Logic: Understanding the Point of Rational Reconstruction in the Work of Rudolf Carnap"
3. T.A. Ryckman, "Nur formale Bedeutung?: Reichenbach's Criticism of the Geometrical Unified Field Theory Program"

Chair: W.D. Hart

1:30 - 3:00 Session VIIB

1. Lisa Shabel, "A Tale of Two Proofs: Wolff and Kant on the Distinction between Mathematical and Mechanical Demonstration"
2. Eric Palmer, "French Method Before the Cartesian Turn"

Chair: Amy Ione

3:00 - 3:10 Break

3:10 - 5:10 Session VIIIA

1. David Stump, "The Intractable Problem of the Changeable A Priori: Idealism, Conventionalism, Pragmatism and Empiricism in Early Twentieth Century Philosophy of Science"
2. Torsten Wilholt, "Ernst Mach and the Three Philosophies of Thought Experimentation"
3. George A. Reisch, "Against a Third Dogma of Logical Empiricism: Covering-Law Explanation and Neurath's argument for 'Unpredictability In-Principle'"

Chair: Joseph Pitt

3:10 - 5:10 Session VIII B:

1. Saul Fisher, "What was the Mechanical Philosophy?"
2. D. Anthony Larivire, "On the Persistence of the Mechanical Philosophy"
3. Jean Miller, "Global Problems in the History of Philosophy of Science: Cavendish's Experiments on Electrical Attraction"

Chair: Andrea Woody

6 - 7 Keynote Speaker: Ernan McMullin

7 - 9 Banquet

Sunday, March 15

9:00 - 10:20 Session IX A

1. Leslie B. Graves, "Sewall Wright on Distinguishing Causation from Correlation"
2. Laura J. Rediehs, "The Entanglement of Antirealism with the Philosophy of Quantum Physics"

Chair: Jean Miller

Session IX B:

1. Andrew Black, "The Science of Man in Hume's Political Essays"
2. Edward Slowik, "Descartes and the Relational Theory of Space and Motion: A Reexamination"

Chair: Witold Strawinski

10:20 - 10:30 Break

10:30 - 11:50 Session X A

1. Zeno G. Swijtink, "German Resistance to Sampling around 1900: 'Types' and the Inverse Bernoulli Theorem"
2. Peter Clemens Kjaergaard, "The Significance of Hertz for Wittgenstein's Response to Hilbert on G Del"

Chair: Charles Ward

10:30 - 11:50 Session X B:

1. David Nartonis, "Locke-Stewart-Mill: Philosophy of Science at Dartmouth College, 1771-1864"
2. Thomas R. Larson, "St Thomas Aquinas and Mathematical Physics"

Chair: Neven Sesardic

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