5th Quadrennial International Fellows Conference
Philosophy and History of Science

26–30 May 2004
Rytro, Poland
5th Quadrennial International Fellows Conference

Day 1  Thursday, May 27th

9:30 – 11:00  Session A  The Vienna Circle* (Chair: Jan Wolenski)
Confl icting Motives in Carnap’s Aufbau
  WOLTERS, Gereon  U. of Konstanz
  MAJER, Ulrich  U. of Goettingen

Axiomatic Approaches to Science: Success or Failure?
  WOLTERS, Gereon  U. of Konstanz
  MAJER, Ulrich  U. of Goettingen

Session B (Chair: Milos Arsenijevic)

Why There’s No Cause to Randomise
  WORRALL, John  London School of Economics

Giulio Preti: A Crossing of the Ways
  PARRINI, Paolo  U. of Florence

11:30 – 1:00  Session A  The Vienna Circle, cont. (Chair: James Lennox)

On the Notion of Analytical Philosophy
  SZUBKA, Tadeusz  Szczecin University

Part of Vienna Circle Programme Revised: A Formal Philosophy of Science
  BATENS, Diderik  U. of Ghent

Session B (Chair: Aristides Baltas)

Leibniz’ Drang Nach Osten: The Drive Toward Scientific & Education Reform in the Lands Between Hannover and St. Petersburg
  GALE, George  U. of Missouri-Kansas City

Leo Szilard and War Research
  FORGE, John  Griffiths U.

1:00 – 3:00  LUNCH

3:00 – 4:30  Session A  The Vienna Circle, cont. (Chair: Zofia Rosinska)

Free Will and Determinism in the Vienna Circle
  FLICHMAN, Eduardo  National U. of General Sarmiento

Technologies as Moral Agents: A Kantian View on Moral Agency in Modern Technological Culture
  VOS, Rein  U. of Maastricht

Session B (Chair: Thomas Forster)

Hahn Versus Menger and Waissmann: Two Views on the Development of Mathematics
  ARSENIJEVIC, Milos  U. of Belgrade

A Physicalist Account of Mathematical Truth
  SZABO, Laszlo  Eotvos U.

*The Vienna Circle Sessions are co-sponsored by the Vienna Circle Institute and the Center for Philosophy of Science, University of Pittsburgh.
Session A (Chair: Tadeusz Szubka)
Stanislaw Ossowski on the Variety of Perspectives and Arguments in Science
TUCHANSKA, Barbara  U. of Lodz
Lukasiewicz Fights the Sea Battle; It Takes Time to Codify the Aristotelian Modalities
BOGEN, James  U. of Pittsburgh

Session B (Chair: John Norton)
Fleck’s Epistemic Contributions to Historical Epistemology
GUILLAUMIN, Godfrey  U. of Gaunajuato
The Evolution of Lakatos’ Influence on the Methodology of Economics
GONZALEZ, Wenceslao  U. A Coruna

8:00  DINNER

Day 2  Friday, May 28th
9:30 – 11:00  Session A (Chair: Gurol Irzik)
Material Theory of Induction
NORTON, John  U. of Pittsburgh
The Optimistic Meta-induction and Ontological Continuity: the Case of the Electron
NOLA, Robert  U. of Auckland

Session B (Chair: Dan Nesher)
Biology and Computation
CAMARDI, Giovanni  U. of Catania
Autonomy versus Development: Duhem on Progress in Science
SCHAEFER, Lothar  U. of Hamburg

11:30 – 1:00  Session A (Chair: Daniela Bailer-Jones)
Taxonomy and Explanation: Do Homeostatic Property Clusters Do the Job?
ERESHEFSKY, Marc  U. of Calgary
Semantic Truth and the Empirical World
WOLENSKI, Jan  Jagiellonian University

Session B (Chair: Fred Kroon)
Hermeneutic Phenomenology: ‘Science Unfettered’
HEELAN, Patrick  Georgetown U.
Discussion and Response
McGUIRE, Ted  U. of Pittsburgh
TUCHANSKA, Barbara  U. of Lodz

1:00 – 3:00  LUNCH
3:00 – 4:30  **Session A** *(Chair: Kenneth Manders)*

- **Proof and Law in Science**
  - PINNICK, Cassandra  Western Kentucky University

- **Causality and Empiricism Reconsidered**
  - KAWALEC, Pawel  Catholic U. of Lublin

**Session B** *(Chair: Fred Kronz)*

- **Darwin’s Principle of Divergence**
  - UCHII, Soshichi  Kyoto U.

- **Theory of Generation of Living Beings in Daniel Sennert’s Hyponemata Physica**
  - BLANK, Andreas  Free University of Berlin

5:00 – 6:30  **Session A** *(Chair: Thomas Bonk)*

- **Judging Reliable Knowing [joint Session]**
  - OSBECK, Lisa  U. of West Georgia
  - MACHAMER, Peter  U. of Pittsburgh

**Session B** *(Chair: Miklos Redei)*

- **The Changing Metaphorical Landscape of Contemporary Developmental Biology**
  - BRADIE, Michael  Bowling Green State U.

- **The Real Reason Genes are at the Center of Attention in Molecular Biology**
  - WATERS, C. Kenneth  U. of Minnesota

**Session C** *(Chair: Richard Montgomery)*

- **The Rise of Non-Archimedean Mathematics and the Roots of a Misconception**
  - EHRLICH, Philip  Ohio U.

- **From Symmetry to Symmetry: Continuity or Revolution**
  - HON, Giora  U. of Haifa

8:00  **DINNER**

**Day 3  Saturday, May 29th**

9:00 – 10:30  **Session A** *(Chair: Cassandra Pinnick)*

- **Knots and Representations**
  - MANDERS, Kenneth  U. of Pittsburgh

- **Cognitive Science and Representational Content: A Minimalist Proposal**
  - MONTGOMERY, Richard  West Virginia University

**Session B** *(Chair: David Schrader)*

- **Measurement as Representation and as Correlation**
  - HEIDELBERGER, Michael  U. of Tubingen

- **Negative Probabilities in Quantum Interference: A Case for Virtual Events**
  - KRONZ, Fred  U. of Texas at Austin
10:45 – 12:15  Session A (Chair: Gerald Massey)

   Duhem, Quine and the Other Dogma
   AFRIAT, Alexander   U. of Urbino

   Quine on Realism
   BONK, Thomas   U. of Munich

Session B (Chair: Andreas Blank)

   Kepler’s ‘Harmonice Mundi’ as a Comprehensive Cosmology
   DIEDERICH, Werner   U. of Hamburg

   Excerpts from Von Neumann’s Unpublished Letters
   REDEI, Miklos   Eotvos U.

Afternoon excursion: rafting trip on the Poprad river

8:00  Banquet: Outdoor roast with live folk dancing

Day 4  Sunday, May 30th

9:30 – 11:00  Session A (Chair: Michael Bradie)

   Emotion in Scientific Decision Making
   McALLISTER, James   U. of Leiden

   The Desire that Drives Scientists
   BAILER-JONES, Daniela   U. of Bonn

Session B (Chair: Philip Ehrlich)

   Meinong, Fictionalism & the Philosophy of Science (joint session)
   GREEN, Mitchell   U. of Virginia

   KROON, Fred   U. of Auckland

11:30 – 1:00  Session A (Chair: Giovanni Camardi)

   The Politics of the Strong Hermeneutics of Science
   GINEV, Dimitri   U. of Sofia

   On the Epistemology of Natural & Social Sciences: . . . Hermeneutic
   Phenomenology, Analytical Philosophy, Pragmatic Alternative
   NESHER, Dan   U. of Haifa

Session B (Chair: Robert Nola)

   Politicizing Science: the Wrong Way and the Right Way
   IRZIK, Guroi   Bogazici U.

   Getting Philosophy of Science Socially Connected
KOURANY, Janet U. of Notre Dame

1:00 – 3:00 LUNCH

3:00 – 4:30 Session A (Chair: Dimitri Ginev)

The Microstructure of Scientific Discovery: Challenging Received Views on Logic and Rationality
  MEHEUS, Joke Ghent U.

Towards a Logic of Scientific Discovery
  MASSEY, Gerald U. of Pittsburgh

Session B (Chair: Janet Kourany)

Values and Valuing
  SCHRADER, David Washington & Jefferson College

Just Lying
  URCHS, Max U. of Konstanz

8:00 DINNER
Program Committee

Jim Lennox, Center for Philosophy of Science, University of Pittsburgh
Tomasz Placek, Jagiellonian University
Miklos Redei, Lorand Eotvos University
Zofia Rosinska, University of Warsaw
Friedrich Stadler, University of Vienna
Barbara Tuchanska, University of Lodz
Jan Wolenski, Jagiellonian University
Gereon Wolters, University of Konstanz

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