

th

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)

Conflicting Motives in Carnap's Aufbau

WOLTERS, Gereon U. of Konstanz

Axiomatic Approaches to Science: Success or Failure?

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

ARSENJEVIC, 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.*

5:00 – 6:30

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 Neshier)

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 Summetria 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, Gurol 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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