

CENTER FOR PHILOSOPHY OF SCIENCE

Workshop: **The Place of Thought Experiments in
Science and Philosophy**

Date: April 18 - 20, 1986

Place: Forbes Quadrangle, University of Pittsburgh

Friday, April 18, 1986: Historical Aspects of Thought Experimentation
Chairperson: Annette Baier (Pittsburgh)

Welcome: ADOLF GRÜNBAUM (Pittsburgh)

- 1:00 - 2:30 NICHOLAS RESCHER (Pittsburgh)
"Pre-Socratic Thought Experiments"
Commentator: Andrew Irvine (Sydney)
- 2:30 - 4:00 PETER KING (Pittsburgh)
"Medieval Thought Experiments"
Commentator: James Lennox (Pittsburgh)
- 4:00 - 5:30 PETER MACHAMER (Pittsburgh)
"Thought Experiments in Galileo and Descartes"
Commentator: Lilli Alanen (Helsinki)

Saturday, April 19, 1986: Thought Experiments in the Sciences
Chairperson: Allen Franklin (Colorado)

- 9:00 - 10:30 JOHN NORTON (Pittsburgh)
"Thought Experiments in Einstein's Work"
Commentator: John Earman (Pittsburgh)
- 10:30 - 12:00 MARK WILSON (Chicago Circle)
"Thought Experiments in Physics"
Commentator: Nancy Nersessian (Pittsburgh)
- 1:30 - 3:00 DANA SCOTT (Carnegie-Mellon)
"Thought Experiments in Logic"
Commentator: Kenneth Manders (Pittsburgh)
- 3:00 - 4:30 GIAN-CARLO ROTA (MIT)
"Thought Experiments in Mathematics"
Commentator: Dionysius Anapolitanos (Athens)
- 4:30 - 6:00 SARAH THOMASON (Pittsburgh)
"Thought Experiments in Linguistics"
Commentator: Nuel Belnap (Pittsburgh)

Sunday, April 20, 1986: Methodology of Thought Experiments
Chairperson: ALLEN JANIS (Pittsburgh)

10:00 - 11:30 ROLF GEORGE (Waterloo)
"Arguments and Thought Experiments in Epistemology"
Commentator: Steven Hetherington (Pittsburgh)

11:30 - 1:00 TAMARA HOROWITZ (Pittsburgh)
"Consistency and Conceivability"
Commentator: James Van Aken (Pittsburgh)

2:30 - 4:00 J.N. MOHANTY (Temple)
"The Method of Imaginative Variation in Phenomenology"
Commentator: Richard Gale (Pittsburgh)

4:00 - 5:30 GERALD MASSEY (Pittsburgh)
"Backdoor Analyticity"
Commentator: Risto Hilpinen (Turku)

Workshop Organizers: Gerald Massey and Tamara Horowitz