

Perspectives on Structuralism

Since its first exposition in Sneed's seminal work, the structuralist approach has engendered a large series of conceptual and historical investigations of scientific theories.

The call for papers invites contributions relating the structuralist program to methods, approaches, and research agendas along the entire spectrum of philosophy, particularly in the philosophy of science and logic, including (but not limited to):

- Semantic Reasoning with Structuralism
- Model-theoretic Foundations
- Cartography of Structuralist Approaches
- Statements in the Non-Statement-View
- Structuralism and Belief Revision
- Epistemology of Structuralism
- Future Perspective and Potentialities

Invited speakers are allotted 55 minutes slots, authors selected from the call for papers 35 minutes slots, including Q & A.

A collection of papers will be forthcoming with an international peer reviewed journal in 2013.

The organizers thank all contributors, reviewers, and staff members, and acknowledge generous funding from the CAS^{LMU} Munich.

Thursday, Feb 16

9:15 – 9:30 *Welcome*

9:30 – 10:30 Ramsey-sentence and Theoretical Description – Some Problems
Ulrich Gähde (University of Hamburg)

10:30 – 11:30 Incommensurability, Comparability and Non-reductive Ontological Relations
José L. Falguera and Xavier de Donato (University of Santiago de Compostela)

11:30 – 12:00 *Coffee/Tea*

12:00 – 12:40 Reduction between Incommensurable Theories in a Rigid Structuralist Framework
Christian Damböck (University of Vienna)

12:40 – 13:20 Structural Realism as an Epistemology for Structuralism
Thomas Meier (LMU Munich)

13:20 – 14:30 *Lunch*

14:30 – 15:10 Linking Structuralism with Quantitative Science Studies
Tilman Massey (LMU Munich)

15:10 – 15:50 Models in Wind Energy Assessment
Graciana Petersen (University of Hamburg)

15:50 – 16:15 *Coffee/Tea*

16:10 – 17:15 Criteria for Empiricity and Theoreticity of Concepts
Gerhard Schurz (University of Duesseldorf)

17:30 *Reception*

Friday, Feb 17

9:30 – 10:30 Using Conceptual Spaces to Model the Dynamics of Empirical Theories
Peter Gärdenfors & Frank Zenker (Lund)

10:30 – 11:30 A Syntactic View of Structuralism
Holger Andreas (LMU Munich)

11:30 – 12:00 *Coffee/Tea*

12:00 – 12:40 What's Right with a Syntactic Approach to Theories and Models?
Sebastian Lutz (Utrecht University)

12:40 – 13:20 The Promise of Theories
Lena Hofer (LMU Munich)

13:20 – 14:30 *Lunch*

14:30 – 15:10 On a Structuralist Framework of Belief Revision
A.V. Ravishankar Sarma (Indian Institute of Technology Kanpur)

15:10 – 15:50 Towards a Structuralist Theory of Causation
Mathias Frisch (University of Maryland)

15:50 – 16:15 *Coffee/Tea*

16:10 – 17:15 Theoretical Terms and the
Relativized A Priori
Hannes Leitgeb (LMU Munich)

20:00 *Workshop-Dinner*

Saturday, Feb 18

9:30 – 10:30 Applying Structuralism: The Case
of Natural Selection
José Diez (University of Barcelona) &
Pablo Lorenzano (UNQ/CONICET, Quilmes)

10:30 – 11:30 Should the Structuralist View be
Excluded from the Semantic
Conception of Theories? A Critique
of Suppe's Critique
Pablo Lorenzano (UNQ/CONICET, Quilmes)

11.30 – 12:00 *Coffee/Tea*

12:00 – 12:40 Structuralism as an Instrument to
Criticize Biologism in Psychology
Martin Hoffmann (University of Hamburg)

12:40 – 13:20 A Structuralist Approach to the
Quantum Measurement Problem
Mariano Lastiri (University of Buenos Aires)

13:20 – 14:30 *Lunch*

14:30 – 15:30 A Structuralist View of Processes in
Science and Scientific Processes
Wolfgang Balzer & Klaus Manhart (LMU Munich)

15:30 – 16:00 *Coffee/Tea*

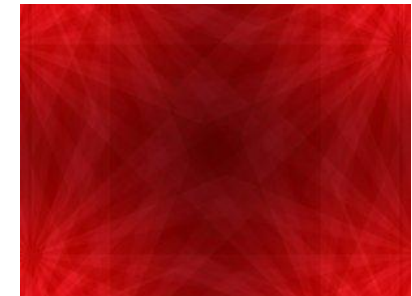
16:00 – 17:00 Intertheoretical Relations and the
Dynamics of Science
C. Ulises Moulines (LMU Munich)

17:00 – 17:15 Final Remarks

20:00 *Dinner*

International Workshop

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16-18 February 2012

Organized by

Holger Andreas (LMU) and
Frank Zenker (Lund University)

in cooperation with the

Munich Center for
Mathematical Philosophy (MCMP)

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