

Working Group on Philosophy of Physics Arbeitsgruppe Philosophie der Physik (AGPhil)

Prof. Dr. Dr. Brigitte Falkenburg
Institut für Philosophie und Politikwissenschaft, Fakultät 14
Technische Universität Dortmund, 44221 Dortmund
Brigitte.Falkenburg@tu-dortmund.de

Overview of Invited Talks and Sessions

Monday: Workshop "Condensed Metaphysics": Metaphysics of Condensed Matter and Complex Systems (E 020)
Tuesday - Thursday: AG Phil Kolloquium (H 2033)

Invited Talks

AGPhil 1.1	Mon	9:30–10:15	E 020	On the Success and Limitations of Reductionism in Physics — •HILDEGARD MEYER-ORTMANN
AGPhil 1.2	Mon	10:15–11:00	E 020	Why is More Different? — •MARGARET MORRISON
AGPhil 1.3	Mon	11:30–12:15	E 020	Parts, Wholes and Emergence — •ANDREAS HÜTTEMANN
AGPhil 1.4	Mon	12:15–13:00	E 020	Functional Reduction and Emergence — •SORIN BANGU
AGPhil 2.1	Mon	14:30–15:15	E 020	Ising Models: Interpretational and Computational Issues — •PAUL HUMPHREYS
AGPhil 2.2	Mon	15:15–16:00	E 020	How Do Quasi-Particles Exist? — •BRIGITTE FALKENBURG
AGPhil 2.3	Mon	16:30–17:15	E 020	Is the Quantum Theory of Laser Radiation a Mechanistic Theory? — •MEINARD KUHLMANN
AGPhil 2.4	Mon	17:15–18:00	E 020	Decoherence and the Emergence of a Joint Distribution — •STEPHAN HARTMANN
AGPhil 3.1	Tue	9:30–10:15	H 2033	Open Quantum Systems: Where is the system and where is the reservoir ? — •JOACHIM ANKERHOLD
AGPhil 3.2	Tue	10:15–11:00	H 2033	On the relation between the second law of thermodynamics, classical mechanics, and quantum mechanics — •BARBARA DROSSEL
AGPhil 6.1	Wed	14:30–15:15	H 2033	Majorana's oscillator and the philosophy of neutrino physics — •SILVIA DE BIANCHI

Sessions

AGPhil 1.1–1.4	Mon	9:30–13:00	E 020	"Condensed Metaphysics" I: Reduction and Emergence
AGPhil 2.1–2.4	Mon	14:30–18:00	E 020	"Condensed Metaphysics" II: Specific Models
AGPhil 3.1–3.5	Tue	9:30–13:00	H 2033	Complex and Open Systems
AGPhil 4.1–4.3	Wed	9:30–11:00	H 2033	Spacetime Theories
AGPhil 5.1–5.3	Wed	11:30–13:00	H 2033	Foundations of Quantum Theory
AGPhil 6.1–6.4	Wed	14:30–16:45	H 2033	History and Philosophy of Physics
AGPhil 7.1–7.4	Wed	17:15–19:15	H 2033	Philosophy of Science
AGPhil 8.1–8.4	Thu	9:30–11:30	H 2033	Mathematik, Physik und Wirklichkeit

Mitgliederversammlung (Annual General Meeting of the Working Group on Philosophy of Physics)

Montag, 26. März 19:00–20:00 Raum E 020

- Berichte
- Wahl
- Planung
- Verschiedenes