

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

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Overview of Invited Talks and Sessions

(Lecture room: SPA SR22)

Plenary Talks most notable for AGPhil

PV VI	Wed	8:30– 9:15	Audimax	Sharp versions of Heisenberg’s error-disturbance trade-off — •REINHARD WERNER
PV IX	Wed	20:00–21:00	Audimax	Wege durch die Quantenwelt – neue Experimente zur Welle-Teilchen Dualität massiver Materie — •MARKUS ARNDT
PV XIV	Fri	9:15–10:00	Audimax	Quantum networks based on diamond spins: from long-distance teleportation to a loophole-free Bell test — •RONALD HANSON

Invited Talks

AGPhil 2.4	Wed	18:00–18:45	SPA SR22	Properties Are ... — •ANTIGONE NOUNOU, HARRIS ANASTOPOULOS
AGPhil 4.1	Thu	14:00–14:45	SPA SR22	Quantum Flesh on Classical Bones: Semiclassical Bridges across the Quantum-Classical Divide — •ALISA BOKULICH
AGPhil 5.1	Thu	16:15–17:00	SPA SR22	Entropy, entanglement and utility — •JOS UFFINK
AGPhil 5.2	Thu	17:00–17:45	SPA SR22	Collapsing to classicality: on the ontology of dynamical collapse theories — •WAYNE C. MYRVOLD
AGPhil 6.1	Fri	10:15–11:00	SPA SR22	Asymptotic theory reduction, spontaneous symmetry breaking, and the measurement problem — •KLAAS LANDSMAN

Invited talks of the joint symposium SYQC

See SYQC for the full program of the symposium.

SYQC 1.1	Thu	10:30–11:00	Audimax	Experimental tests of quantum macroscopicity — •MARKUS ARNDT
SYQC 1.2	Thu	11:00–11:30	Audimax	From classical instruments to quantum mechanics and back — •REINHARD F. WERNER
SYQC 1.3	Thu	11:30–12:00	Audimax	Correlations and the quantum-classical border — •DAGMAR BRUSS, ALEXANDER STRELTSOV, HERMANN KAMPERMANN
SYQC 1.4	Thu	12:00–12:30	Audimax	Why Physics Needs a Classical World...and How It Can Get One — •TIM MAUDLIN

Sessions

AGPhil 1.1–1.4	Wed	14:00–16:00	SPA SR22	Wissenschaftstheoretische Perspektiven
AGPhil 2.1–2.4	Wed	16:30–18:45	SPA SR22	Quantum-Classical Divide I
AGPhil 3.1–3.4	Thu	10:30–12:30	Audimax	Symposium Quantum-Classical Divide
AGPhil 4.1–4.3	Thu	14:00–15:45	SPA SR22	Quantum-Classical Divide II
AGPhil 5.1–5.4	Thu	16:15–19:00	SPA SR22	Quantum-Classical Divide III
AGPhil 6.1–6.5	Fri	10:15–13:15	SPA SR22	Quantum-Classical Divide IV
AGPhil 7.1–7.6	Fri	14:15–17:30	SPA SR22	Quantum-Classical Divide V
AGPhil 8.1–8.2	Fri	17:30–18:30	SPA SR22	Classical Electrodynamics

AGPhil 9.1–9.4	Tue	14:00–16:00	SPA SR22	Alternative Ansätze I
AGPhil 10.1–10.3	Tue	16:30–18:00	SPA SR22	Alternative Ansätze II
AGPhil 11.1–11.1	Tue	18:00–18:15	SPA SR22	Poster

Mitgliederversammlung der Arbeitsgruppe Philosophie der Physik

Donnerstag 19:15–20:00 SPA SR22

- Bericht
- Wahl
- Planung 2014/15
- Verschiedenes