

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

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Overview of Invited Talks and Sessions

(Lecture room: A 060)

Plenary Talks most notable for AGPhil

PV VII Mon 14:00–14:45 H 0105 **The Genesis and Renaissance of General Relativity** — ●JÜRGEN RENN

Invited Talks

AGPhil 4.1	Wed	9:30–10:15	A 060	Einstein Equations and Hilbert Action: David Hilbert’s Contributions to General Relativity — ●TILMAN SAUER
AGPhil 5.1	Wed	15:00–15:45	A 060	”What is truth?” Einstein on Rods and Clocks in Relativity Theory — ●MARCO GIOVANELLI
AGPhil 7.1	Thu	10:45–11:30	A 060	A Defence of the Geometrical Interpretation of General Relativity — ●OLIVER POOLEY
AGPhil 9.1	Fri	9:30–10:15	A 060	On the seemingly double appearance of the signature in general relativity — ●HARVEY BROWN
AGPhil 9.2	Fri	10:15–11:00	A 060	The status of Kottler’s premetric program in Newtonian gravity and in electrodynamics: an essay — ●FRIEDRICH W. HEHL, YAKOV ITIN, YURI N. OBUKHOV
AGPhil 11.1	Fri	14:00–14:45	A 060	A virtuous theorist’s theoretical virtues: Einstein on physics vs. math and experience vs. unification — ●JEROEN VAN DONGEN
AGPhil 12.1	Fri	15:30–16:15	A 060	The Hole Argument and the Problem of Time — ●KARIM THEBAULT

Invited talks of the joint symposium SYGP

See SYGP for the full program of the symposium.

SYGP 1.1	Thu	15:00–15:30	H 0105	General relativity: a theory born in creative confusion — ●HARVEY BROWN
SYGP 1.2	Thu	15:30–16:00	H 0105	Gravitating Non-Abelian Fields: Solitons and Black Holes — ●JUTTA KUNZ
SYGP 1.3	Thu	16:00–16:30	H 0105	Geometric principles in the physics of topological matter — ●ALEXANDER ALTLAND
SYGP 1.4	Thu	16:30–17:00	H 0105	General Covariance in Quantum Field Theory on Curved Spacetimes — ●THOMAS-PAUL HACK
SYGP 1.5	Thu	17:00–17:30	H 0105	The (noncommutative) Geometry of the Standard Model of Particle Physics — ●CHRISTOPH STEPHAN

Sessions

AGPhil 1.1–1.3	Tue	14:00–15:30	A 060	Foundations of Quantum Mechanics
AGPhil 2.1–2.4	Tue	16:00–18:00	A 060	Philosophy of Science
AGPhil 3.1–3.3	Tue	18:00–18:10	A 060	Poster Session

AGPhil 4.1–4.4	Wed	9:30–12:00	A 060	Foundations of Classical Gravity
AGPhil 5.1–5.4	Wed	15:00–17:30	A 060	Rods, Clocks, Space and Energy in General Relativity
AGPhil 6.1–6.2	Thu	9:30–10:30	HFT-FT 101	Mathematische und Philosophische Grundlagen
AGPhil 7.1–7.3	Thu	10:45–12:45	A 060	The role of geometry in gravitational theories
AGPhil 8.1–8.5	Thu	15:00–17:30	H 0105	Geometric paradigms in modern physics
AGPhil 9.1–9.2	Fri	9:30–11:00	A 060	The role of the metric investigated
AGPhil 10.1–10.3	Fri	11:15–12:45	A 060	The role of the present in spacetime theories
AGPhil 11.1–11.2	Fri	14:00–15:15	A 060	Extending General Relativity
AGPhil 12.1–12.2	Fri	15:30–16:45	A 060	The Problem of Time
AGPhil 13.1–13.3	Mon	14:00–15:30	A 060	Alternative Approaches I
AGPhil 14.1–14.4	Mon	16:30–18:30	A 060	Alternative Approaches II
AGPhil 15.1–15.2	Tue	9:30–10:30	A 060	Alternative Approaches III

Mitgliederversammlung der Arbeitsgruppe Philosophie der Physik

Donnerstag 19:15–20:00 A 060

- Bericht
- Planung 2015/16
- Verschiedenes