

Symposium Quantum Mechanics and Gravity: Current Status (SYDK)

jointly organised by
the Theoretical and Mathematical Physics Division (MP) and
the Gravitation and Relativity Division (GR)

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The symposium is devoted to highlighting the recent status of research on quantum gravity. It combines the view of four experts working on different approaches to quantum gravity, namely string theory, loop quantum gravity, dynamical triangulations and asymptotic safety.

Overview of Invited Talks

(Lecture hall ZHG008)

Invited Talks

SYDK 1.1	Thu	10:45–11:15	ZHG008	String Theory at the Edges of Relativity — •NIELS OBERS
SYDK 1.2	Thu	11:15–11:45	ZHG008	The Quantum Einstein Equations in Loop Quantum Gravity — •KRISTINA GIESEL
SYDK 1.3	Thu	11:45–12:15	ZHG008	Causal Dynamical Triangulations: Lattice quantum gravity reloaded — •RENATE LOLL
SYDK 1.4	Thu	12:15–12:45	ZHG008	Taming Quantum Gravity: insights from Asymptotic Safety — •ALESSIA PLATANIA

Sessions

SYDK 1.1–1.4	Thu	10:45–12:45	ZHG008	Quantum Mechanics and Gravity: Current Status
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