Gravitation and Relativity Division
Fachverband Gravitation und Relativitätstheorie (GR)

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Overview of Invited Talks and Sessions

(Lecture halls HBR 14: HS 2 and HS 3; Poster HBR 14: Foyer)

Prize Talk

GR 3.1	Tue	11:00–11:45	HBR 14: HS 2	**Enlightening the dark Universe through gravitational waves** — •Daniela Doneva

Invited Talks

GR 4.1	Tue	14:00–14:45	HBR 14: HS 2	**What if black hole spacetimes are singularity-free?** — •Piero Nicolini
GR 14.1	Thu	11:00–11:45	HBR 14: HS 2	**Modeling the strong-field dynamics of binary neutron star mergers** — •sebastiano Bernuzzi
GR 14.2	Thu	11:45–12:30	HBR 14: HS 2	**Exploring the Phase Diagram of QCD with Neutron Star Mergers in the Prompt and Non-Prompt Collapse Regime** — •Christian Ecker

Invited Talks of the joint Symposium Strong-Interaction Matter under Extreme Conditions

See SYEC for the full program of the symposium.

SYEC 1.1	Wed	9:00– 9:45	HBR 14: HS 1	**Strong-interaction Matter under Extreme Conditions: a Review** — •Guy D. Moore
SYEC 1.2	Wed	9:45–10:30	HBR 14: HS 1	**Theory of Strong-Interaction Matter** — •Gergely Endrodi
SYEC 2.1	Wed	11:00–11:45	HBR 14: HS 1	**Unravelling the phase structure of strong-interaction matter with high-energy heavy-ion experiments** — •Tetyana Galatyuk
SYEC 2.2	Wed	11:45–12:30	HBR 14: HS 1	**Neutron star mergers in numerical relativity** — •Masaru Shibata

Sessions

GR 1.1–1.4	Mon	16:45–18:05	HBR 14: HS 2	**Black Holes I**
GR 2.1–2.5	Mon	16:45–18:25	HBR 14: HS 3	**Foundations and Alternatives I**
GR 3.1–3.1	Tue	11:00–11:45	HBR 14: HS 2	**Gustav-Hertz-Preis**
GR 4.1–4.1	Tue	14:00–14:45	HBR 14: HS 2	**Black Holes II**
GR 5.1–5.2	Tue	14:45–15:25	HBR 14: HS 2	**Black Holes III**
GR 6.1–6.2	Tue	15:45–16:25	HBR 14: HS 2	**Experimental Tests**
GR 7.1–7.4	Tue	15:45–17:05	HBR 14: HS 3	**Foundations and Alternatives II**
GR 8.1–8.2	Tue	16:30–17:10	HBR 14: HS 2	**Quantum Gravity and Quantum Cosmology**
GR 9.1–9.3	Tue	17:30–18:30	HBR 14: HS 2	**Quantum Field Theory in Curved Spacetime**
GR 10.1–10.4	Wed	14:00–15:20	HBR 14: HS 2	**Relativistic Astrophysics I**
GR 11.1–11.4	Wed	15:45–17:05	HBR 14: HS 2	**Relativistic Astrophysics II**
GR 12.1–12.4	Wed	15:45–17:05	HBR 14: HS 3	**Foundations and Alternatives III**
GR 13.1–13.3	Wed	17:30–18:30	HBR 14: HS 2	**Numerical Relativity**
GR 14.1–14.2	Thu	11:00–12:30	HBR 14: HS 2	**Relativistic Astrophysics III**
GR 15.1–15.2	Thu	14:00–14:40	HBR 14: HS 2	**Classical Theory of General Relativity**
GR 16.1–16.2	Thu	14:45–15:25	HBR 14: HS 2	**Gravitational Waves I**
GR 17.1–17.3	Thu	15:45–16:45	HBR 14: HS 2	**Gravitational Waves II**

GR 18.1–18.6	Thu	17:15–18:45	HBR 14: Foyer	**Poster**
GR 19	Thu	19:00–20:30	HBR 14: HS 2	**Members' Assembly**

Members' Assembly of the Gravitation and Relativity Division

Thursday 19:00–20:30 HBR 14: HS 2