

Frontiers in Numerical Relativity 2022 (FNR2022)

Monday 25 July 2022

Invited talks: Chair Prof. Olivier Sarbach - Abbeanum/Ground floor-HS1 - Hörsaal 1 (15:00-16:30)

time	[id] title	presenter
15:00	[6] Dual-Frame Generalized Harmonic Gauge on Hyperboloidal Slices	Prof. HILDITCH, David
15:45	[2] Numerical relativity in cosmological spacetimes	Dr CLOUGH, Katy

Tuesday 26 July 2022

Invited talks: Chair Dr.Katy Clough - Abbeatum/Ground floor-HS1 - Hörsaal 1 (15:00-17:45)

time	[id] title	presenter
15:00	[7] Self-consistent modeling of compact binary mergers in numerical relativity	Dr KIUCHI, Kenta
15:45	[4] Neutron star merger simulations to enable multi-messenger astronomy studies	Prof. DIETRICH, Tim
16:30	Coffee break	
17:00	[1] Postmerger phase of neutron star coalescences	Dr BAUSWEIN, Andreas

Wednesday 27 July 2022

Invited talks: Chair Prof. Nigel Bishop - Abbeatum/Ground floor-HS1 - Hörsaal 1 (15:00-16:30)

time	[id] title	presenter
15:00	[3] A high-order discontinuous Galerkin-finite-difference hybrid method for numerical relativity	Dr DEPPE, Nils
15:45	[8] Meeting Challenges at the Next Frontier in Numerical Relativity	Prof. NEILSEN, David

Thursday 28 July 2022

Invited talks: Chair Dr. Roxana Rosca-Mead - Abbeatum/Ground floor-HS1 - Hörsaal 1 (15:00-17:45)

time	[id] title	presenter
15:00	[9] Generalizations of Einstein theory by including a scalar field	Dr PALENZUELA, Carlos
15:45	[5] Black hole binaries in higher derivative theories of gravity	Prof. FIGUERAS, Pau
16:30	Coffee break	
17:00	[10] Boson-star binaries and gravitational waves	Prof. SPERHAKE, Ulrich