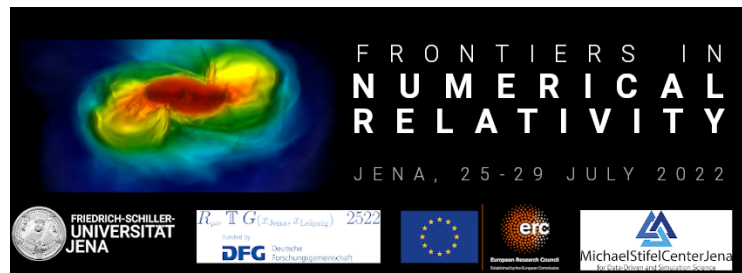


Frontiers in Numerical Relativity 2022 (FNR2022)



Contribution ID: 7

Type: **not specified**

Self-consistent modeling of compact binary mergers in numerical relativity

Tuesday, 26 July 2022 15:00 (45 minutes)

In this talk, I will present the recent progress of numerical modeling of compact binary mergers, which involves at least one neutron star in numerical relativity. Our group develops self-consistent modelings by performing a long-term numerical relativity neutrino-radiation magnetohydrodynamic simulation. I will present the details of the simulation results and perspective.

Presenter: Dr KIUCHI, Kenta (Max Planck Institute for Gravitational Physics)

Session Classification: Invited talks