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Merger of binary neutron stars: Gravitational waves and mass ejection

Thursday 17 December 2015 14:00 (21 minutes)

The merger of binary neutron stars is one of the most promising gravitational wave sources. For the detection of gravitational waves, numerical relativists are required to accurately predict gravitational waveforms and possible electromagnetic signals. I will talk on our latests effort for the numerical-relativity simulations: magnetohydrodynamics and radiation hydrodynamics simulations.

Author: SHIBATA, Masaru (Kyoto University)

Presenter: SHIBATA, Masaru (Kyoto University)

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