Contribution ID: **623**   Type: **Talk in the parallel session**

Numerical relativity modeling of ejecta and kilonovae from binary neutron star mergers

Monday, 5 July 2021 16:55 (25 minutes)

This talk will report on recent progresses in the simulations of binary neutron star mergers in numerical general relativity with focus on the modeling of merger remnants and electromagnetic counterparts. Applications to the observations of GW170817 and AT2017gfo will be discussed.

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Session Classification: GRB 170817A and Binary Models

Track Classification: Fast Transients: GRB 170817A and Binary Models