

The Structure and Signals of Neutron Stars, from Birth to Death



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Neutron Star Binary Mergers as the Progenitors of Short GRBs

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While short-duration gamma-ray bursts (GRBs) have long been suspected to result from the mergers of compact object binary mergers, it is only over the past few years that observational data have been available. In this talk I will present the results of several detailed studies of short GRBs and their environments which demonstrate a connection to neutron star binary mergers, and which can be used to shed light on the electromagnetic counterparts of Advanced LIGO/Virgo sources.

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