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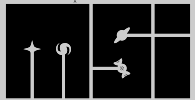
Mass Ejection, Compact Objects, and Electromagnetic Transients

Tuesday, 28 January 2020 • 3:30 pm

MSI Conference Room • 3550 University

Mass ejection is involved in the generation of many types of electromagnetic transient, often in the presence of at least one compact stellar object. A variety of processes can cause mass to become unbound from a gravitational field, including neutrino emission or absorption, magnetic stresses, angular momentum transport, or nuclear processes. In this talk I will discuss astrophysical situations in which non-trivial mass ejection from the vicinity of a compact object should occur, including the accretion disk formed in a neutron star merger, failed supernovae, and accretion disks from white dwarf - neutron star mergers.

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