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Affiliation: University of Florida

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Observations of Gravitational Waves from Core–Collapse Supernovae

Abstract

Supernovae, the violent death of a massive star, is a promising source for multimessenger astronomy with electromagnetic waves, neutrinos, and gravitational waves (GW). In this talk, I will discuss the challenges of GW detection from core–collapse supernovae and present results from the recent supernova searches with advanced GW detectors.