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Particle Astrophysics Counterparts of Cosmological Gravitational Wave Signals

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Understanding the gravitational wave signals from cosmological sources, such as first order phase transitions and cosmic strings, is currently a popular and active area of research. Such sources can also produce energetic particles, such as gamma rays, neutrinos, and dark matter, thereby producing distinct particle astrophysics signals. This talk will provide a broad discussion of the challenges involved in calculating such signals, as well as salient observational features that could lead to discovery.

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