

Phenomenology 2020 Symposium



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Type: **Parallel Talk**

Gravitational Waves from Cosmological Phase Transitions in an Expanding Universe

Monday, 4 May 2020 14:30 (15 minutes)

In this talk, a discussion of gravitational wave calculations from an expanding universe will be presented. Details include changes to the dynamics of a cosmological first order phase transition, behaviors of the sources for gravitational wave production and the modified gravitational waves. Possible applications to a non-standard cosmological history such as the existence of an early matter domination will be discussed.

Summary

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