

Phase transitions: A source of cosmic-frontier phenomenology

Wednesday 15 June 2022 14:00 (15 minutes)

In this talk, I will present a short overview of the connection between particle physics and phase transitions in the early and very early universe. I will then focus on phase transitions during inflation and present recent results on how to use the stochastic spectral expansion to perform phenomenology calculations. I will also talk about the interplay between the electroweak phase transition, new physics at the TeV-scale and experimental constraints.

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