

Probing first-order phase transitions at LISA

Friday 3 May 2024 10:40 (20 minutes)

The LISA mission has been adopted, with launch scheduled in 2035. This leaves us with just a decade to complete the data analysis pipelines and prepare the science interpretation of the potentially observed signals. In this talk we will briefly review the status of the mission, some possible data analysis approaches to isolate the primordial stochastic GW background (SGWB), and some potential bounds on BSM models predicting first-order phase transitions.

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Session Classification: Talks