

Ultrarelativistic walls and their gravitational-wave imprint

Monday 15 May 2023 11:15 (1h 15m)

In this talk, I will discuss a supercooled phase transition present in a model with classical conformal symmetry. I will review the details of the model and the predictions for the properties of the phase transition, dark matter, and resulting gravitational-wave spectra paying special attention to the behaviour of the bubble walls. Using this exemplary model I will aim to summarize the state of the art for ultrarelativistic walls.

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