

Gravitational waves from bubble collisions in first order phase transitions

jeudi 9 décembre 2021 18:40 (10 minutes)

We will discuss energy budget of first order phase transitions and identify models capable of supporting extreme supercooling necessary to feature bubble collisions as the main source of gravitational waves. We will also review new semi-analytical calculation of the spectrum appropriate in such strong transitions.

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Classification de Session: LISA CosWG Workshop day 2