

Gravitational Wave Probes of Physics Beyond Standard Model 2

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Probing phase transitions in the early universe with gravitational waves

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Content :

Gravitational waves are an important probe of physics beyond the Standard Model, especially in theories with a first order phase transitions in the early universe. I will review aspects of simulations and models of the generation of gravitational radiation, calculations of phase transition parameters, and prospects for their estimation at the future space-based gravitational wave detector LISA.

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