

Cosmological and gravitational-wave phenomenology of phase transitions

Sunday, 21 December 2025 09:15 (30 minutes)

I will introduce cosmological and gravitational-wave aspects of phase-transition phenomenology, including bubble nucleation and expansion dynamics, gravitational-wave generations, curvature perturbations, primordial black holes, and, in particular, the induced gravitational waves from primordial gravitational collapse at non-linear and non-perturbative levels.

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Session Classification: Special Session of Higgs Cosmology I