KEK Theory Meeting on Particle Physics Phenomenology (KEK-PH2018 winter) and 3rd KIAS-NCTS-KEK workshop on Particle Physics Phenomenology

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Gravitational wave generation by B-L symmetry breaking

Tuesday, 4 December 2018 17:00 (15 minutes)

B-L gauge symmetry is a promising extension of the standard model and its breaking plays an important role for neutrino masses. We show that the first order phase transition of the B-L gauge symmetry breaking could generate a large amplitude of stochastic gravitational waves radiation.

Presenter: SETO, Osamu (Hokkaido University)
Session Classification: Parallel Session 1