

The BSM Electroweak Phase Transition

Friday, January 5, 2018 10:00 AM (15 minutes)

The Electroweak Phase Transition in the Minimal SM is known to be an equilibrium crossover. But extended scalar sectors (extra singlet, doublet) may render the transition first order, opening up the possibility of explaining the cosmological baryon asymmetry and providing a cosmological source of gravitational waves. I will present recent work on determining the order of the phase transition perturbatively and non-perturbatively.

Summary

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