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Electroweak Baryogenesis in Next-to-Minimal Supersymmetric Standard Model

Wednesday 15 May 2024 15:00 (15 minutes)

Minimal Supersymmetric Standard Model(MSSM) shortcomings in inducing a strong first-order phase transition and providing sufficient CP violation to explain the observed baryon asymmetry in the universe(BAU). In this talk, I will discuss how BAU could be generated in the context of Next-to-Minimal Supersymmetric Standard Model(NMSSM), and how strong the CP violation ingredients in NMSSM will be constrained by ongoing experiments, especially searches for permanent EDM of fundamental particles.

Mini Symposia (Invited Talks Only)

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