

Exploring dynamical CP violation induced electroweak-baryogenesis scenario by gravitational waves and colliders

Wednesday, 24 October 2018 11:44 (22 minutes)

By assuming a dynamical source of CP violation, the tension between sufficient CP violation for successful electroweak baryogenesis and strong constraints from current electric dipole moment measurements could be alleviated. We study how to explore such scenarios through gravitational wave detection, collider experiments, and their possible synergies with a well-studied example.

Presenter: QIAN, Zhuoni (University of Pittsburgh)

Session Classification: BSM 2