Advances in Astroparticle Physics and Cosmology (AAPCOS-2023)



Contribution ID: 132 Type: Invited Talks

Imprints of Non-standard cosmology on Leptogenesis

Wednesday 25 January 2023 17:15 (30 minutes)

We discuss how a nonstandard multiple scalar field cosmology can change the thermal history of the universe, affecting minimal high scale leptogenesis. The produced lepton asymmetry, due to the decays of heavy Majorana right-handed neutrinos responsible for generating Standard Model neutrino masses via the type-I seesaw, is affected as well.

Presenter: Dr DUTTA BANIK, Amit (Indian Statistical Institute, Kolkata)