

Low scale seesaw models and leptogenesis

Wednesday, 22 May 2019 14:40 (20 minutes)

The addition of right-handed neutrino fields to the SM field content provides a minimal and viable solution to account for the observed neutrino masses and lepton mixing. Remarkably, the very same extension contains all the necessary ingredients to account for the observed BAU as well. In this talk I will focus on the possibility that the right-handed neutrinos have masses below the EW scale, and present how these light states can simultaneously account for neutrino physics and the BAU, stressing as well the experimental perspectives to test this hypothesis.

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Session Classification: Neutrinos: Models, Phenomenology, Experiments

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