

Results for Leptogenesis from Non-Equilibrium Field Theory

Tuesday 21 May 2013 14:30 (25 minutes)

We explain how non-equilibrium methods give rise to NLO corrections to the theory of unflavoured Leptogenesis in the strong washout regime. New LO predictions are made available in the weak washout case (including Leptogenesis from mixing light sterile neutrinos) and for the transition between the flavoured and unflavoured regimes. As a new source of CP-violation, we identify the mixing of active species, i.e. of lepton doublets or several Higgs doublets.

Presenter: GARBRECHT, Björn

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