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Predictions for RH Neutrinos from the Littlest Seesaw and Leptogenesis

Wednesday 23 May 2018 15:00 (20 minutes)

The Littlest Seesaw model based on two right-handed neutrinos with constrained Yukawa couplings provides a highly predictive description of neutrino masses and PMNS mixing parameters. If realised at high energies there will be renormalisation group corrections to the low energy predictions, which depend on the right-handed neutrino masses. We perform a chi squared analysis to determine the right-handed neutrino masses from a four-parameter fit to the low energy neutrino parameters, also eventually taking into account leptogenesis.

Presenter: ROWLEY, Sam (University of Southampton)

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