SUSY07



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## Leptogenesis and LFV in the left-right symmetric seesaw mechanism

Saturday 28 July 2007 14:00 (20 minutes)

Studies of leptogenesis and of lepton flavour violation are usually done in the framework of the type I seesaw mechanism, or assume dominance of one of the two (type I or type II) seesaw mechanisms. In this talk, we discuss

the generic situation where both contributions to light neutrino masses can be comparable in size and are related by

a left-right symmetry. We find qualitatively different results from the type I seesaw mechanism; in particular, we

show that the left-right symmetric seesaw mechanism provides new opportunities for successful leptogenesis in SO

(10) models.

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