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Successful Leptogenesis in $SO(10)$ Unification with a Left-Right Symmetric Seesaw Mechanism

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We study thermal leptogenesis in a broad class of supersymmetric $SO(10)$ models with a left-right symmetric seesaw mechanism. We show that including lepton flavour effects together with the second-lightest right-handed neutrino, leptogenesis can work for specific spectra reconstructed from the low-energy data. Moreover, we show that corrections to the relation $M_e=M_d$ are crucial ingredients for leptogenesis to work.

Primary author: Dr JOSSE-MICHAUX, François-xavier (ULB-PhysTh)

Presenter: Dr JOSSE-MICHAUX, François-xavier (ULB-PhysTh)

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