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Mr. MCCABE, Christopher (University of Oxford): Neutrino-Flavoured Sneutrino Dark Matter

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A simple theory of supersymmetric dark matter (DM) naturally linked to neutrino flavour physics is studied. The DM sector comprises a spectrum of mixed lhd- rhd sneutrino states where both the sneutrino flavour structure and mass splittings are determined by the associated neutrino masses and mixings.

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