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Higgs quartic coupling, neutrino masses and mixing angles in 2UED models

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Abstract content
 (Max 300 words)

We shall explore the two limiting cases of the three standard model generations all propagating in the bulk or all localised to a brane, from the point of view of renormalisation group equations for the Higgs sector and the neutrino sector in a six dimensional universal extra-dimensional model. The recent experimental results of the Higgs boson from the LHC allow, in some scenarios, stronger constraints on the cut-off scale to be placed, from the requirement of the stability of the Higgs potential.

Apply to be considered for a student award (Yes / No)?

No

Level for award (Hons, MSc, PhD)?

NA

Main supervisor (name and email) and his / her institution

NA

Would you like to submit a short paper for the Conference Proceedings (Yes / No)?

No

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