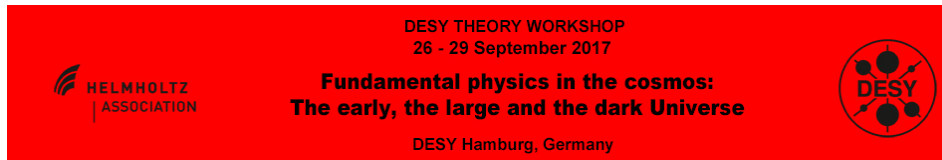


Fundamental physics in the cosmos: The early, the large and the dark Universe



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Low scale neutrino mass models from High scale

Thursday 28 September 2017 16:22 (17 minutes)

Neutrino masses generated by physics around the weak-scale offer the advantage of testability, however from the model-building viewpoint they appear to be ad-hoc. I will present two classes of models which predict a radiative seesaw formula for neutrino masses and the presence of weakly interacting stable dark matter from (non-supersymmetric) $SO(10)$ Grand Unified Theories. The model achieves precision unification and offers experimental tests.

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