Phenomenology 2019 Symposium



Contribution ID: 755

Type: parallel talk

Standard Model couplings from IR fixed points in the MSSM with a vectorlike family

Tuesday 7 May 2019 14:30 (15 minutes)

We report on an intriguing observation that the values of all the couplings in the standard model except those related to first two generations can be understood from the IR fixed point structure of renormalization group equations in the minimal supersymmetric model extended by one complete vectorlike family with the scale of new physics in a multi-TeV range.

Summary

Authors: Dr DERMIŚEK, Radovan (Indiana University); Mr MCGINNIS, Navin (Indiana University)
Presenter: Mr MCGINNIS, Navin (Indiana University)
Session Classification: SUSY II