Contribution ID: **40** Type: **not specified**

Slepton Non-Universality in the Flavor-Effective MSSM

Thursday 5 July 2018 15:00 (30 minutes)

Supersymmetric theories supplemented by an underlying flavor-symmetry provide a rich playground for model building aimed at explaining the flavor structure of the Standard Model. In the case where supersymmetry breaking is mediated by gravity, the soft-breaking Lagrangian typically exhibits large tree-level flavor violating effects, even if it stems from an ultraviolet flavor-conserving origin. Here, I will show the results of our phenomenological analysis of these models with a particular emphasis on the leptonic flavor observables. We consider some representative models which aim to explain the flavor structure of the lepton sector.

Authors: VIVES GARCIA, Oscar Manuel (Univ. of Valencia and CSIC (ES)); LÓPEZ IBÁÑEZ, María Luisa (Università di Roma Tre); MELIS, Aurora

Presenter: MELIS, Aurora

Session Classification: Afternoon session I