



Contribution ID: 351

Type: **Parallel Talk**

Higgs and Sparticle Spectroscopy

Saturday 28 July 2007 16:30 (20 minutes)

We propose using the lightest CP-even Higgs boson mass bound in the minimal supersymmetric standard model (MSSM) to predict the low mass bound for the stop sector. Considering minimal supergravity (mSUGRA) frame and assuming neutralino is dark matter. We can predict in this frame the low bound for all MSSM sparticle spectrum.

Author: Dr GOGOLADZE, Ilia (University of Delaware)

Presenter: Dr GOGOLADZE, Ilia (University of Delaware)

Session Classification: Colliders - Higgs Phenomenology 6 (Theory)

Track Classification: Colliders - Higgs Phenomenology