



Contribution ID: 143

Type: parallel talk

125 GeV Higgs Boson from t-b-tau Yukawa Unification

Tuesday, 8 May 2012 14:45 (15 minutes)

Abstract:

We identify a class of supersymmetric GUT in which imposing essentially perfect t-b-tau Yukawa coupling unification at GUT scale yields a mass close to 122-126 GeV for the lightest CP-even Higgs boson. The squark and gluino masses in these models exceed 3 TeV, but the stau and charginos in some cases can be considerably lighter.

Author: Dr GOGOLADZE, Ilia (University of Delaware)

Presenter: Dr GOGOLADZE, Ilia (University of Delaware)

Session Classification: SUSY III

Track Classification: Supersymmetry