



Contribution ID: 851

Type: Poster

Analysing Higgs Boson in a flavor violating CMSSM through information theory

Flavor violation in the top sector allows an extra few GeV contribution to the Higgs mass and thereby could reduce the SUSY breaking scale to remain within a few TeV. In this talk we discuss our findings of a detailed investigation on the CMSSM parameter scan particularly in the context of the LHC Higgs observation using the information-theoretic approach and will demonstrate its impact on sparticle masses.

First author

Surabhi Gupta

Email

surabhigupta426@gmail.com

Collaboration / Activity

Sudhir Kumar Gupta

Primary author: Ms GUPTA, Surabhi (Aligarh Muslim University)

Co-author: Prof. GUPTA, Sudhir Kumar (Aligarh Muslim University)

Presenter: Ms GUPTA, Surabhi (Aligarh Muslim University)

Session Classification: T10: Searches for New Physics

Track Classification: Searches for New Physics