



Contribution ID: 206

Type: **parallel talk**

Improved search of light third-generation squarks

Tuesday 8 May 2012 17:00 (15 minutes)

Abstract:

SUSY with light third-generation squarks are motivated from many theoretical aspects and the recent hint of light Higgs boson. However, looking for such squarks are challenging and only weak bounds in some special cases are derived. We explore observables that can help this discovery.

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Session Classification: SUSY IV

Track Classification: Supersymmetry