

Searches for third generation squarks at the Tevatron

Thursday, July 16, 2009 9:15 AM (20 minutes)

In the Minimal Supersymmetric Standard Model (MSSM), the large mixing between the chiral states of the scalar partnerparticles of the standard model fermions might lead to small masses for sbottom and stop quarks. Dedicated searches are carried out in final states with large missing transverse energy and at least two jets, where at least one of the jets is required to be b-tagged (sbottom searches) or c-tagged (stop searches). Most recent results from several analysis performed by the CDF and D0 collaborations are presented.

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Session Classification: III. Higgs and New Physics

Track Classification: Higgs and New Physics