Phenomenology 2012 Symposium



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Stoponia and Higgs Bosons

Tuesday 8 May 2012 15:30 (15 minutes)

Abstract:

We discuss some phenomenology of bound states of top squarks. We find that in some regions of SUSY parameter space, these states can have novel decay channels not considered previously. Interactions with the Higgs boson(s) are discussed, including binding effects of the Yukawa potential and Higgs-stoponium mixing.

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Presenter: BLECHMAN, Andrew **Session Classification:** SUSY III

Track Classification: Supersymmetry