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MSSM Electroweak Sector: Collider Studies and Phenomenological Implications

Monday, August 29, 2011 2:30 PM (30 minutes)

Given the current results on the Supersymmetry searches at the LHC, we explore scenarios in which the only accessible SUSY states are the electroweak sector: neutralinos, charginos and sleptons. We study the process where those electroweak interacting particles are directly produced and analyze the possible reaches at the LHC.

Presenter: Prof. SU, Shufang (University of Arizona)

Session Classification: Parallel Session 4