

Abstract Submitted
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Search for Chargino-Neutralino Production with Low Pt Electrons SOURABH DUBE, JOHN ZHOU, SUNIL SOMALWAR, Rutgers University, CDF COLLABORATION — We present a search for associated production of Chargino-Neutralino decaying to three leptons, with approximately 700 pb^{-1} of p-pbar collision data at $\sqrt{s} = 1.96 \text{ TeV}$, collected with the CDF Run2 detector. The search is performed in the framework of mSUGRA. Two of the three leptons in the final state must be electrons and the third object is a track making the analysis sensitive to tau channels. Major backgrounds are identified and calculated. Preliminary results in the form of production cross section limit are presented.

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