

Abstract Submitted  
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**Search for SUSY at Tevatron Run II from Chargino-Neutralino Production in Low Pt Di-muon Channel** VLADIMIR REKOVIC, JOHN STROLOGAS, MICHAEL GOLD, University of New Mexico, CDF COLLABORATION — Minimal Supersymmetric Standard Model(MSSM) predicts the production of tri-lepton events at the Tevatron via chargino-neutralino production. We will present our sensitivity to discovery of this production in low Pt di-muon channel. We use the data set with some  $800 \text{ pb}^{-1}$  of data taken by the CDF-II detector during Run II of the Tevatron, which is about eight times the data collected in Run I of Tevatron.

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