

Search for Supersymmetry in ppbar Collisions at $\sqrt{s}=1.96$ TeV Using the Trilepton Signature of Chargino-Neutralino Production

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The production of chargino-neutralino pairs and their subsequent leptonic decays is one of the most promising supersymmetry (SUSY) signatures at the Tevatron proton-antiproton collider. We present here the most recent results on the search for the three-lepton and missing-transverse-energy SUSY signature using data collected with the CDF II detector. The results are interpreted within the minimal supergravity (mSUGRA) scenario.

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