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Searches for new physics in Lepton final states

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It is hoped that new physics beyond the standard model, such as supersymmetry, will solve some of the problems with the standard model. In this talk I will describe searches for various new physics models at the Tevatron in lepton final states. Signatures with leptons in final state tend to be cleaner and with low backgrounds from standard model. The searches I describe, for example a chargino/neutralino search or searches for new gauge bosons use up to 2 inverse femtobarns of proton-antiproton collisions.

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