

Abstract Submitted
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A search for new physics in three or more lepton modes in pp collisions at $\sqrt{s} = 7$ TeV CHRISTOPHER EDELMAIER, U of Colorado at Boulder, CMS COLLABORATION — We present searches for physics beyond the Standard Model involving three or more leptons, including muons, electrons, and taus. We apply selection cuts requiring hadronic jet energy, missing transverse energy, and combinations of both. Using three or more leptons in this search affords us smaller backgrounds from electroweak and QCD processes, yielding a clean analysis of events. We compare our results with several SUSY scenarios.

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