

Search for Non-Resonant New Phenomena in the Lepton and Photon Final States

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We present the results of a search for non-resonant signal for new physics in leptonic and photonic final states in pp collisions at 7 TeV collected with CMS in 2010 and 2011. These include searches for $W'(\ell\nu)$, first and second generation leptoquarks, large extra dimensions in dilepton and diphoton channel, quark-lepton compositeness, anomalies in the transverse momentum of the leptonically decaying Z-bosons, and RPV SUSY in multilepton final states.

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