

XXVIII International Workshop on Deep Inelastic Scattering and Related Subjects



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Searches for supersymmetry in final states with photons at CMS

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Most recent results on searches for supersymmetric (SUSY) particles decaying to final states containing high energy photon(s) are presented. The searches are based on data collected at the center-of-mass energy of 13 TeV in proton-proton collisions recorded by the CMS detector. Photons may arise directly from a decay of a SUSY particle or due to the decay of a Higgs boson created in the SUSY decay chain. The studies consider several interpretations in both the weak and the strong production channels.

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