

Search for stop decays to charm + LSP at CMS

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The supersymmetric partner of the top quark, the stop, is among the best candidates for stabilizing the Higgs mass against large radiative corrections. In the scenario where the dark matter candidate is close in mass to the stop, the decay stop \rightarrow charm, LSP is an important search channel. This talk describes the application of a monojet search topology to hunt for this decay with the CMS detector at the LHC.

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