

Abstract Submitted
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All hadronic stop quark searches YAGYA JOSHI, Florida International University, CMS COLLABORATION — We present our latest results on squarks production in fully hadronic final states using proton-proton collision data corresponding to 2.1fb^{-1} Run II at 13 TeV collected with the CMS detector at the LHC. We search for squarks that decay directly to neutralinos and top quarks in multi-jet events with large missing momentum. Sensitivity to the potential signal, over a range of scalar-top and neutralino masses is obtained by selecting events into bins with large missing momentum, MT_2 , the number of bottom quark and all-hadronic top quark selected with a top-quark tagger.

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