

Abstract Submitted
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SUSY all hadronic stop search at 13TeV HUA WEI, Univ of California - Riverside — A search for the direct production of supersymmetric scalar top-quark pairs, which decay directly to stable neutralinos and top-quarks which subsequently decay to an all-hadronic final state, is described. The results are based on 2.1fb-1 of 2015 13TeV run2 pp collision data. Sensitivity to the potential signal, over a range of scalar-top and neutralino masses, is obtained by explicitly identifying large missing momentum, MT_2 , bottom quark and the presence of all-hadronic topquark decays using a top-quark tagger.

Hua Wei
Univ of California - Riverside

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