

Direct production of top squark pairs in all-hadronic channel

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We present the results of a search for direct and gluino-mediated production of supersymmetric scalar top-quark pairs in the all-hadronic final state using top tagging. The measurement is based on a 13 TeV proton-proton sample collected with the CMS detector at the LHC, corresponding to an integrated luminosity of 36 fb⁻¹. The results of the search are interpreted in several Simplified Models (SMS).

Primary author: ABREU, Andrés (University of Puerto Rico Mayagüez)

Presenter: ABREU, Andrés (University of Puerto Rico Mayagüez)

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