



Contribution ID: 58

Type: **Talk**

## Search for supersymmetry in hadronic final states with the $MT_2$ variable

*Monday 4 July 2016 14:40 (20 minutes)*

We present a search for supersymmetry in hadronic final states with transverse momentum imbalance as measured by the  $MT_2$  variable. Results are based on  $2.3 \text{ fb}^{-1}$  of 13 TeV proton-proton collisions collected with the CMS detector. The results are interpreted as limits on the masses of potential new colored particles in a variety of simplified models of supersymmetry, significantly improving existing the 8 TeV limits.

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**Session Classification:** Experimental and Collider Aspects of SUSY

**Track Classification:** Experimental and Collider Aspects of SUSY