



Contribution ID: 204

Type: **Parallel Talk**

Searches for third generation supersymmetric particles with the CMS experiment

Friday, 8 July 2022 12:00 (15 minutes)

Results from the CMS experiment are presented for searches for supersymmetric partners of the top and bottom quarks and tau leptons. A wide range of final state decays are considered in order to maximize sensitivities to different possible supersymmetric particle spectra. The searches use proton-proton collision data with luminosity up to 138 fb⁻¹ recorded by the CMS detector at center of mass energy 13 TeV during the LHC Run 2.

In-person participation

Yes

Primary author: MATORRAS, Pablo**Co-author:** MEYER, Arnd**Presenter:** MATORRAS, Pablo**Session Classification:** Beyond the Standard Model**Track Classification:** Beyond the Standard Model