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Searches for massive new particles and charged Higgs bosons at CMS

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An overview of the results of searches for massive new resonances by the CMS Collaboration is presented. The results include searches for resonances such as W' and Z' particles decaying to final states with top quarks as well as charged Higgs boson searches. The CMS search program covers a variety of final states targeting different new physics models including extended Higgs sectors. The results are based on the large dataset collected during Run 2 of the LHC at a centre-of-mass energy of 13 TeV.

Collaboration / Activity

CMS

Primary authors: REIMERS, Arne; CMS

Presenter: REIMERS, Arne

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