

Searches for charged Higgs bosons at CMS

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An overview of the latest results on the charged Higgs boson searches by the CMS collaboration is presented. Different production mechanisms, as well as multiple final states (e.g. $\tau \nu$, $t b$ and $c b$) are covered, as different BSM models predict different dominant production and decay modes. Most of the results presented are based on the dataset of proton-proton collisions at center of mass energy 13 TeV, collected with the CMS detector in 2016, corresponding to an integrated luminosity of 36 fb^{-1} .

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