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## Charged Higgs production at the LHC in minimal flavor violation and beyond

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The discovery of a charged-Higgs-boson would be a clear signal for physics beyond the Standard Model. In the usual LHC channels we only have realistic chances for such a discovery if the bottom-Yukawa coupling is enhanced. Supersymmetric flavor physics in general predicts squark mixing which can significantly change the pattern of charged-Higgs production and circumvent the chiral suppression for single Higgs production. The most severe constraints to these squark mixing parameters come from B physics.

We evaluate the discovery potential of charged Higgs production in the light of supersymmetric flavor physics, in the single-Higgs production channel and in association with a hard jet.

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