

Supersymmetry searches at LHC in hadronic final states

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Despite the absence of experimental evidence, weak scale supersymmetry remains one of the best motivated and studied Standard Model extensions. This talk summarises recent ATLAS and CMS results for searches for supersymmetric (SUSY) particles, with an emphasis on strong production in both R-Parity conserving and R-Parity violating SUSY scenarios. The searches involve final states including jets, missing transverse momentum, light leptons, taus or photons. A particular emphasise will be given to the fully hadronic SUSY searches their backgrounds and problematics related to the way that they are estimated. Sensitivity projections for the data that will be collected in 2015 are also presented.

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