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## Search for Supersymmetry with missing transverse momentum and multiple b-jets

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A search for supersymmetry involving the pair production of gluinos decaying via third-generation squarks into the lightest neutralino ( $\tilde{\chi}_1^0$ ) is performed. The final state contains large missing transverse momentum, leptons, and several energetic jets (including at least three *b*-tagged jets). This presentation summarizes the recent ATLAS result on this search which was performed with the LHC *pp* collision data at a center-of-mass energy  $\sqrt{s} = 13$  TeV, with an integrated luminosity of 139 fb<sup>-1</sup>. No significant excess of events above the Standard Model expectation is observed in any of the search regions, and the results are used to set upper limits on the production of supersymmetric particles. The search excludes at 95% confidence level gluino masses up to 2.5 TeV and neutralino masses below 800 GeV.

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