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Supersymmetry search with two same-sign leptons and jets with the ATLAS detector in $\sqrt{s}=8$ TeV pp collision data.

A search for the production of supersymmetric particles decaying into final states with jets, b-jets, missing transverse momentum and two isolated leptons, e or mu, with the same electric charge (same-sign leptons) is presented. The analysis uses a data sample collected during 2012, which corresponds to a total integrated luminosity of 20.3 fb⁻¹ of $\sqrt{s} = 8$ TeV proton–proton collisions recorded with the ATLAS detector at the LHC.

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