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Searches for new phenomena in final states involving 'leptons and jets' or involving leptons using the ATLAS detector

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Many theories beyond the standard model predict new phenomena which decay to leptons and jets. Searches for new physics models with these signatures are performed using the ATLAS experiment at the LHC. The results reported here use the pp collision data sample collected in 2015 and 2016 by the ATLAS detector at the LHC with a centre-of-mass energy of 13 TeV.

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