## IOP 2014 Joint HEPP & APP Group Meeting



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## A search for supersymmetry using four or more leptons at ATLAS

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A search for supersymmetry is presented, using four or more leptons with the ATLAS detector using  $\sqrt{s} = 8$  TeV data taken at the LHC during 2012. The motivations for this search. optimisation procedure and background estimation are outlined, and results presented for a number of RPC and RPV interpretations.

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