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Type: **Ordinary**

SUSY searches at ATLAS

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First ATLAS searches for signals of Supersymmetry in proton-proton collisions at the LHC are presented.

These searches are performed in various channels containing different lepton and jet multiplicities in the final states; the full data sample recorded in the 2010 LHC run, corresponding to an integrated luminosity of 35 pb⁻¹, has been analysed.

The limits on squarks and gluinos are the most stringent to date.

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Classification de Session: Beyond the Standard Model

Classification de thématique: Experiment