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Searches for new physics with jets in ATLAS

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We present the latest results of searches for new physics beyond the Standard Model with jets in the final state using the ATLAS detector. These analysis are performed with the full LHC 2010 data from proton-proton collisions at center-of-mass energy of 7TeV. The results are based on the integrated luminosity between 33 to 37 pb⁻¹ depending on the analysis. No significant discrepancy is found with the expected Standard Model predictions. However, new limits on various models are set beyond the reach of previous experiments.

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