



Contribution ID: 86

Type: **Non-Invited Talk**

## Searches for new phenomena with the ATLAS detector

*Wednesday 28 November 2018 15:15 (25 minutes)*

Many theories beyond the Standard Model (BSM) predict new phenomena accessible at the LHC which prevent the need of fine-tuning of the Higgs Boson mass, provide a candidate to explain dark matter, or expand the gauge sectors of the SM for example. The talk will focus on searches for new physics models, focusing on non-supersymmetric ones, which are performed using pp collision data collected by the ATLAS detector at the LHC with a centre-of-mass energy of 13 TeV.

### Content of the contribution

Experiment

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**Session Classification:** New results from LHC, new facilities

**Track Classification:** [8] New results from LHC, new facilities