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Type: **Talk**

## Exotic searches at ATLAS

*Monday 26 August 2024 16:00 (25 minutes)*

Many theories beyond the Standard Model (SM) have been proposed to address several of the SM shortcomings, such as explaining why the Higgs boson is so light, the origin of neutrino masses, or the observed pattern of masses and mixing angles in the quark and lepton sectors. Many of these beyond-the-SM extensions predict new particles or interactions directly accessible at the LHC. This talk will present some highlights on recent searches based on the full Run 2 data collected by the ATLAS detector at the LHC with a center-of-mass energy of 13 TeV.

### Internet talk

Maybe

### Is this an abstract from experimental collaboration?

Yes

### Name of experiment and experimental site

ATLAS

### Is the speaker for that presentation defined?

Yes

### Details

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