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Type: **Plenary Presentation**

Searches for new phenomena in final states with taus using the ATLAS detector

Wednesday 6 December 2023 14:30 (20 minutes)

Many theories beyond the Standard Model predict new phenomena, such as leptoquarks, vector like leptons, Z' , W' bosons, KK gravitons, supersymmetry, new scalars or heavy leptons, in final states with isolated, high- p_T taus. Searches for new physics with such signatures, produced either resonantly or non-resonantly, are performed using the ATLAS experiment at the LHC. The most recent 13 TeV pp results will be reported.

Name of collaboration or list of co-authors

ATLAS collaboration

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