

# XXVIII International Workshop on Deep Inelastic Scattering and Related Subjects



Contribution ID: 335

Type: **Contributed Talk**

## Search for new physics in leptonic or hadronic final states with the ATLAS detector

*Tuesday, 24 March 2020 17:20 (20 minutes)*

Many theories beyond the Standard Model (BSM) predict new phenomena at the highest energies accessible by the LHC. These often give rise to heavy resonances consisting of either isolated high-pt leptons or pairs of jets, either exclusively or in conjunction with other objects. Alternatively, should new physics be beyond the scale of the LHC, non-resonant signatures in these final states can provide an indirect probe beyond the centre of mass energy. The talk will focus on the most recent full Run 2 results using 13 TeV pp collision data.

**Primary author:** DONG, Binbin

**Presenter:** DONG, Binbin

**Session Classification:** Electroweak Physics and Beyond the Standard Model

**Track Classification:** Electroweak Physics and Beyond the Standard Model