

XXVIII International Workshop on Deep Inelastic Scattering and Related Subjects



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

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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- p_T 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.

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