

Searches for new phenomena in leptonic final states with the ATLAS and CMS detectors

Thursday 23 May 2019 14:50 (30 minutes)

Many particles predicted by theories beyond the Standard Model, including for example new heavy vector bosons, decay into final states which contain high-pt leptons and possibly other objects such as missing transverse energy or jets. Searches for new physics models with these signatures are performed using the ATLAS and CMS experiments at the LHC. The talk will focus on the most recent results using 13 TeV pp collision data.

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Session Classification: Alternatives to Supersymmetry

Track Classification: Alternatives to Supersymmetry