

Highlights of Search for New Particles at the LHC

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This presentation discusses searches for heavy particles by the ATLAS and CMS collaborations at the Large Hadron Collider (LHC). The talk discusses a motivation for such searches and the experimental challenges to discover heavy particles in the mass range from 400 GeV to 8 TeV using jets, leptons and missing transverse energy. The presented experimental limits use the LHC Run 2 dataset collected between 2015 and 2018.

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