

Search for Exotics new particles with the ATLAS detector

Friday, 7 December 2012 15:00 (30 minutes)

Various extensions of the Standard Model predict the existence of new types of particles. We report on several searches for exotics new particles such as:
excited lepton, adjunction of a 4th family of heavy chiral fermions, vector-like quarks that couple to light quarks and Z or W bosons. The talk presents recent results with data collected by the ATLAS experiment at the LHC.

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