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Search for heavy resonance decaying to Z/W/H+photon with the ATLAS detector

Thursday, 20 December 2018 17:00 (15 minutes)

This talk will present a search for heavy resonance decaying to Z/W/H + an energetic photon using 36.1 fb^{-1} pp collision data collected by the ATLAS detector. Only the hadronic decays of Z/W/H bosons are considered. This search explores the phase space where the boson decay products are close and form a fat jet. No obvious deviations are found with respect to the Standard Model predictions. The model-independent cross section limits are presented as functions of resonance mass for various signal hypotheses.

Type

Parallel talk

Sessions (parallel only)

Beyond Stand Model

Primary author: LIU, Bo (IHEP)

Co-author: LIU, bo (IHEP)

Presenters: LIU, Bo (IHEP); LIU, bo (IHEP)

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