

Phenomenology 2014 Symposium



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Searches for vector-like quarks, $t\bar{t}$ and $t\bar{b}$ resonances with the ATLAS detector

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With the discovery of the Higgs boson the experiments are now looking with renewed interest for BSM scenarios that would help resolve the hierarchy problem. We will report on searches for vector-like quarks and new heavy bosons that preferentially mix with and couple to 3rd generation quarks, using the 8 TeV data collected by the ATLAS experiment.

Author: GUTIERREZ ORTIZ, Nicolas Gilberto (University of Glasgow (GB))

Presenter: GUTIERREZ ORTIZ, Nicolas Gilberto (University of Glasgow (GB))

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