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Searches for exotic resonances with top tagging (ATLAS)

Monday, July 17, 2017 3:00 PM (20 minutes)

Several models of physics beyond the Standard Model contain preferential couplings to top quarks. We present an overview of searches for new physics containing boosted top quarks in the final state, using proton-proton collision data collected with the ATLAS detector at the LHC at a centre-of-mass energy of 13 TeV. These results cover heavy gauge bosons, excited third generation quarks, or decay channels to vector-like top partner quarks.

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Session Classification: Searches