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Measurement of multi-jets and boson plus jets production with ATLAS

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Production of multiple jets or bosons plus jets at the LHC offers an unprecedented opportunity to study QCD in the high-energy regime. As experimental precision advances, thorough QCD studies are enabled by measurements of a variety of different observables, including different topological configurations between vector bosons and jets, jet substructure observables, and heavy-flavor jets. In addition, these measurements are key ingredients for the precise determination of the strong coupling constants. This talk summarizes recent from ATLAS on this topic.

Secondary track

T06 - Top and Electroweak Physics

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