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Algorithmic improvements and calibration measurements for flavour tagging at the ATLAS experiment

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The identification of jets containing b-hadrons is key to many physics analyses at the LHC, including measurements

involving Higgs bosons or top quarks, and searches for physics beyond the Standard Model. In this contribution, the

most recent enhancements in the capability of ATLAS to separate b-jets from jets stemming from lighter quarks, and

the latest measurements to calibrate the b-tagging efficiency and light/charm mistag rates, will be presented.

Experimental Collaboration

ATLAS

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