

Theory predictions for jet pull

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We discuss the jet shape variable pull and in particular, we present a first-principle prediction for the pull angle, which can help to probe the colour flow between jets.

While the pull angle is not infra-red and collinear safe, it is Sudakov safe and therefore it can be calculated using all-order techniques, which share similarities to standard transverse-momentum resummation. We compare our results with Monte Carlo simulations and with the data collected by the ATLAS experiment.

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