

Reconstruction and Calibration of Large-R jets and In-situ techniques for their Calibration

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Searches for new heavy resonances, supersymmetric particles, heavy vector quarks, and measurements of highly boosted Standard Model processes increasingly rely on large radius jets to reconstruct hadronically decaying boosted objects. The reconstruction of these along with their calibration of both mass and transverse momentum will be discussed. In situ techniques are then used to derive corrections and uncertainties, on both the energy scale and the jet properties.

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