

# Electroweak corrections to b-jet and di-jet production

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Simultaneously with the turning-on of the Large Hadron Collider (LHC) the data taking for jet production rates will start. The study of these production rates is one of the important tests of the Standard Model in the new energy regime available at the LHC. In order to discriminate possible extensions of the Standard Model accurate theoretical predictions are needed. In this talk I will present the electroweak next-to-leading order corrections to b-jet and di-jet production and show their impact on differential distributions.

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