

## Overview of QCD measurements at high $p_T$

*Thursday, 8 October 2015 11:25 (25 minutes)*

This talk gives an overview of QCD measurements at high  $p_T$  at the LHC and other colliders. Recent results on inclusive jet, dijet and multijet production measurements are presented together with results of  $\alpha_S$  extraction and constraints on the PDFs of the proton. Precision measurements of vector bosons ( $V = W, Z$  or  $\gamma$ ) in association with jets allow for stringent tests of perturbative QCD. The measurements are compared to next-to leading order calculations and event simulations that devise matrix element calculations interfaced with parton showers.

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