



Contribution ID: 7

Type: **not specified**

Jet production in association with vector bosons at CMS

Thursday 22 November 2012 15:30 (30 minutes)

The associated production of jets and vector bosons allows for stringent tests of perturbative QCD calculations and is sensitive to the possible presence of new physics beyond the Standard Model. Measurements of jet production rates in association with W, Z or photons, in proton-proton collisions at a 7 TeV center-of-mass energy is presented, using data collected with the CMS detector. In particular, we compare data to the theory predictions on jet rates, dijet invariant mass, angular correlations and event shapes distributions.

Author: MARONE, Matteo (University of Trieste and INFN)

Presenter: MARONE, Matteo (University of Trieste and INFN)

Session Classification: Evening Session

Track Classification: QCD studies