

Phenomenology 2022 Symposium: From Virtual to Real



Contribution ID: 202

Type: **not specified**

Measurements of V +jets production in CMS

Tuesday 10 May 2022 18:00 (15 minutes)

The study of the associated production of vector bosons and jets constitutes an excellent environment to check numerous QCD predictions. Total and differential cross sections of vector bosons produced in association with jets have been studied at CMS. Differential distributions as a function of a broad range of kinematical observables are measured and compared with theoretical predictions. These processes play an important role in understanding QCD calculations, and they constitute an important source of background for Higgs boson production measurements, and searches for new particles.

Author: NGUYEN, Duong Hai (The State University of New York SUNY (US))

Presenter: NGUYEN, Duong Hai (The State University of New York SUNY (US))

Session Classification: QCD&EW III