

# Vector boson associated with jets in CMS

*Thursday, July 18, 2024 9:30 AM (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 in pp collisions using CMS data. Differential distributions as a function of a broad range of kinematical observables are measured and compared with theoretical predictions.

## Alternate track

1. Top Quark and Electroweak Physics

## I read the instructions above

Yes

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**Session Classification:** Strong interactions and Hadron Physics

**Track Classification:** 06. Strong Interactions and Hadron Physics