



Contribution ID: 1190

Type: **Parallel Session Talk**

## W/Z+Jets Results from CDF

*Saturday, 24 July 2010 17:05 (20 minutes)*

The CDF Collaboration has a comprehensive program of studying the production of vector bosons, W and Z, in association with energetic jets. Excellent understanding of the standard model W/Z+jets and W/Z+c,b-jets processes is of paramount importance for the top quark physics and for the Higgs boson and many new physics searches.

We review the latest CDF results on Z-boson production in association with inclusive and b-quark jets, study of the PT balance in Z+jet events, and a measurement of the W+charm production cross section. The results are based on 4-5 fb<sup>-1</sup> of data and compared to various Monte Carlo and next-to-leading order perturbative QCD predictions.

**Primary author:** Dr PRONKO, Alexandre (Fermilab)

**Presenter:** CAMARDA, Stefano (IFAE Barcelona)

**Session Classification:** 03 - Perturbative QCD, Jets and Diffractive Physics

**Track Classification:** 03 - Perturbative QCD, Jets and Diffractive Physics