

## Vector boson production with heavy flavours in CMS

*Tuesday 3 May 2022 15:40 (20 minutes)*

The associated production of a vector bosons and jets coming from the hadronization of b, c quarks are a powerful experimental handle to study the heavy flavour aspects of pQCD. Several predictions including the effect of the heavy flavour mass can be tested and NLO precision can be achieved with physics comparisons to flavour schemes in generators. Inclusive and differential cross sections of vector bosons produced in association with heavy flavours at 13 TeV will be presented for various physics channels including Z+b, W+b, W+c, Z+c.

### Submitted on behalf of a Collaboration?

Yes

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**Session Classification:** WG4: QCD with Heavy Flavours and Hadronic Final States

**Track Classification:** WG4: QCD with Heavy Flavours and Hadronic Final States