Contribution ID: **10** Type: **not specified**

Higher-order EWK corrections for W mass determination at hadron colliders

Wednesday, 7 September 2016 13:45 (30 minutes)

One of the precision physics goals at the LHC is the direct determination
of the W mass through single W production, with a total uncertainty competitive
with the one obtained at Tevatron.
To this aim EWK corrections are an important source of theoretical systematics.
We present very recent developments on the calculation of higher order EWK, including
mixed EWK and QCD, corrections and their implementation in the POWHEG-BOX event generator
for Drell-Yan processes.

Summary

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