



Contribution ID: 1031

Type: **Parallel Talk**

QCD corrections to Wbb production at the LHC

Thursday, July 7, 2022 4:05 PM (15 minutes)

I will present NNLO QCD calculation for Wbb production at the LHC. The computation of two-loop scattering amplitude using finite-field framework will be discussed and phenomenological results at the LHC $\sqrt{s}=8$ TeV will be shown. The use of different flavoured jet algorithms will be explored and the comparison with CMS data will be presented.

In-person participation

Yes

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Session Classification: Strong interactions and Hadron Physics

Track Classification: Strong interactions and Hadron Physics