

# NLO EW/QCD corrections for WZ scattering at the LHC

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Vector-boson scattering (VBS) denotes an interesting class of processes with small cross sections which recently have been measured or are about to be measured due to the increasing integrated luminosity at the LHC. They allow us to probe the electroweak symmetry breaking, in particular, the interplay between quartic-, triple-, and vector-vector-Higgs couplings. In this talk I will briefly summarise the physics opportunities of VBS and then present the first computation of the NLO EW/QCD corrections to the full off-shell scattering of W and Z, at the LHC contained in the process  $pp \rightarrow e^+ \nu_e \mu^+ \mu^- jj + X$ . See also arXiv:1904.00882.

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