

Precision diboson measurements at hadron colliders

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We discuss the measurements of the anomalous triple gauge couplings at Large Hadron Collider focusing on the contribution of the O_{3W} and O_{3W^*} operators. These deviations were known to be particularly hard to measure due to their suppressed interference with the SM amplitudes in the inclusive processes, leading to approximate flat directions in the space of these Wilson coefficients. We present the prospects for the measurements of these interactions at HL-LHC and HE-LHC using exclusive variables sensitive to the interference terms and taking carefully into account effects appearing due to NLO QCD corrections.

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