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Multibosons results from CMS

The production of multiboson final states in proton-proton collisions constitutes a precision test of the electroweak sector of the Standard Model (SM). Moreover, these processes are a dominant background for many Higgs boson measurements and for a multitude of beyond SM searches. Due to their high-sensitivity to trilinear and quartic gauge couplings, multiboson cross section measurements allow to probe the presence of possible anomalous interactions in the Effective Field Theory (EFT) approach, that would provide decisive indirect evidence of new particles and interactions. In this talk, a summary of the most recent diboson ($W\gamma$, WW , WZ , ZZ) and triboson ($W\gamma\gamma$, $Z\gamma\gamma$) measurements at CMS will be presented, with a particular focus on the extraction of the limits on anomalous triple and quartic gauge couplings.

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