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VV+jets (VBS) with the CMS detector

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The production of massive vector boson pairs is a key process for the understanding of the non-abelian gauge structure of the standard model and for the comprehension of the electroweak symmetry breaking mechanism. The study of the production of vector boson pairs with the presence of two jets in the event allows to measure the electroweak production of vector bosons in association with jets, in particular made up through vector boson scattering (VBS) processes. In this presentation, we will report the recent results of the production of diboson in association with two jets at $\sqrt{s} = 8$ and 13 TeV.

Experimental Collaboration

CMS

Presenter: BELLAN, Riccardo (Universita e INFN Torino (IT))**Session Classification:** Top and electroweak**Track Classification:** Top and Electroweak Physics