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## Measurements of the weak diboson production cross sections in leptonic decays at 5.02 TeV with the CMS experiment

*Thursday 10 June 2021 18:45 (1 hour)*

We explore a new center-of-mass energy at 5 TeV, to study diboson production in proton-proton collisions using data collected with the CMS detector. The  $WW$ ,  $WZ$ , and  $ZZ$  cross sections are measured analyzing events with two, three, or four charged leptons in the final state. These measurements are compared with the best available theoretical predictions and across other experiments.

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