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Searches for resonant di-boson production at CMS

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Most recent CMS results on searches for heavy resonances decaying into gauge and Higgs bosons (VV , VH where $V = W, Z$) are presented. The results are based on the large dataset collected during Run 2 of the LHC at a centre-of-mass energy of 13 TeV. The analyses are optimised for high sensitivity over a large range in resonance mass. Jet substructure techniques are used to identify hadronic decays of highly-boosted W , Z , and H bosons.

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