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Searches for new resonances decaying into bosons with the ATLAS detector

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Many extensions to the Standard Model predicts new particles decaying into two bosons (WW , WZ , ZZ , $W/Z\gamma$, W/ZH and HH) making this a smoking gun signature. Searches for such diboson resonances have been performed in final states with different numbers of leptons, photon and jets where new identification techniques to disentangle the decay products in highly boosted configuration are being used. This talk summarizes ATLAS searches for diboson resonances with LHC Run 2 data.

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