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Searches for new physics in diboson resonances with the ATLAS detector at the LHC

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Resonant production of two massive bosons (WW, WZ, ZZ and HH) is a smoking gun signature for physics beyond the Standard Model. Searches for diboson resonances have been performed in final states with different numbers of leptons and jets including fat-jets with jet substructure. This talk highlights ATLAS searches for diboson resonances with LHC Run 1 data. First LHC Run-2 results will be included if available.

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