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## Search for heavy resonances with the ATLAS and CMS detector

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Resonances decaying into a pair of particles are an obvious place to look for phenomena beyond the Standard Model. This talk summarizes recent results on searches for resonances in pairs of jets, leptons, lepton and jet, photon and jet, as well as pairs of photons. Various models are considered such the Z' and W', the Randall-Sundrum warped extra dimensions as excited quarks, quantum black holes, technicolor. Results from  $\sqrt{s} = 8$  TeV are presented.

### Summary

**Primary author(s) :** ATLAS SPEAKER, on behalf of ATLAS and CMS (CERN)

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**Session Classification :** Beyond the Standard Model

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