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Search for heavy resonances with the ATLAS 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, lepton pairs, leptons and missing transverse energy and pairs of photons or W/Z bosons. Various models are considered such as the Z' and W' , the Randall-Sundrum gravitons as well as the ADD large extra dimension scenario, excited quarks, quantum black holes, technicolor and contact interactions. Results from $\sqrt{s} = 8$ TeV are presented.

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