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Search for di-Higgs final states and rare or exotic decays of the Higgs boson by the ATLAS collaboration

Tuesday 10 May 2016 14:45 (15 minutes)

I will review recently published results from the ATLAS Collaboration, focusing on di-Higgs final states and rare or exotic decays of the Higgs boson. Results will be based on either LHC Run 1 data or Run 2 data collected in 2015. Specific topics may include searches for resonant and non-resonant di-Higgs production in $b\bar{b}\gamma\gamma$ final states, di-Higgs production in $b\bar{b}b\bar{b}$ final states and lepton-flavor-violating decays of the Higgs boson.

Summary

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