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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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