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## Heavy flavour and Quarkonium production in pp collisions at ATLAS

*Thursday, 6 July 2017 12:45 (15 minutes)*

The latest results from ATLAS on heavy flavour and quarkonium production, including exotic states, are presented. This talk includes the measurement of B-hadron pair production, presented as a function of a variety of kinematic variables between the two B-hadrons, providing important inputs to modelling of production via gluon splitting. Additional insight into QCD models of quarkonium production and double parton scattering is also presented, through the production cross-section measurement of di-Jpsi and effective cross-section from double parton scattering.

### Experimental Collaboration

**Presenter:** WALDER, James William (Lancaster University (GB))

**Session Classification:** QCD and hadronic physics

**Track Classification:** QCD and Hadronic Physics