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## NLO massive gauge boson pair production at the LHC

*Wednesday, 2 October 2013 13:30 (45 minutes)*

In this talk a full NLO calculation of on-shell massive gauge boson pair production at the LHC will be presented, including both well known QCD corrections and new EW corections. Differential distributions as well as total cross sections predictions will be given, together with a detailed study of the theoretical uncertainties affecting the latter. A comparison with ATLAS and CMS experimental results will also be given.

**Primary author:** Dr BAGLIO, Julien (Karlsruhe Institute of Technology)

**Presenter:** Dr BAGLIO, Julien (Karlsruhe Institute of Technology)

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