



Contribution ID: 181

Type: Poster

## Reconstruction performance of the ATLAS Muon detector

*Monday, 25 May 2015 10:06 (0 minutes)*

The ATLAS muon reconstruction performance during the LHC run I at  $\sqrt{s} = 7$  and 8 TeV was recently measured using samples of  $J/\psi \rightarrow \mu\mu$ ,  $Z \rightarrow \mu\mu$  and  $\Upsilon \rightarrow \mu\mu$  decays. Reconstruction efficiency, transverse momentum resolution and momentum scales are measured in the various regions of the detector and for muon momenta between 6 and hundreds of GeV.

### Collaboration

ATLAS collaboration

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**Session Classification:** Run2 at LHC - Poster Session

**Track Classification:** S1 - Run II at LHC