



Contribution ID: 25

Type: **contributed talk**

A measurement of the ϕ^* angle in Drell-Yan di-lepton pairs

Tuesday, 8 April 2014 13:15 (15 minutes)

The ϕ^* angle of Drell-Yan di-lepton pairs probes initial state gluon radiation and its definition relies only upon the well-measured lepton directions. The ϕ^* distribution is sensitive to similar but complementary physics to the intermediate boson transverse momentum distribution. A measurement of the normalised ϕ^* differential cross section around the Z-pole was made using the ATLAS detector at 7 TeV. In this talk progress towards an updated measurement using the full 8 TeV dataset is presented.

Primary author: WEBB, Samuel (University of Manchester (GB))

Presenter: WEBB, Samuel (University of Manchester (GB))

Session Classification: Parallel 1A

Track Classification: The Energy Frontier Programme