Contribution ID: **93** Type: **oral presentation**

Production and spectroscopy of hadrons containing b quark at ATLAS

Friday, 16 August 2013 17:10 (20 minutes)

We present a study of the B-hadron family production and spectroscopy. We reconstruct B ground states in the hadronic decay modes with a J/psi in the final state. Some relevant excited states are reconstructed through the hadronic transitions. This study is based on 4.8fb^-1 2011 7TeV and 19.2fb^-1 2012 8TeV datasets collected by the ATLAS detector.

APS member ID

61125002

Primary author: Ms WANG, Rui (University of New Mexico)

Co-authors: TOMS, Konstantin (University of New Mexico); Prof. SEIDEL, Sally (University of New Mexico)

Presenter: Ms WANG, Rui (University of New Mexico)

Session Classification: Quark and Lepton Flavor Physics

Track Classification: Quark and Lepton Flavor Physics