Contribution ID: **210** Type: **3a) Heavy-flavours and quarkonia (TALK)**

Quarkonia production in pPb collisions with LHCb

Wednesday 3 October 2018 10:00 (20 minutes)

We present new results on quarkonia production in proton-lead collisions, using the data collected in 2016 at 8.16 TeV nucleon-nucleon center-of-mass energy, in the unique forward region (pseudorapidity between 2 and 5) covered by the LHCb detector. Both forward and backward rapidities are covered thanks to the possibility of beam reversal. Measurements include J/psi and psi', where the prompt and from-b-decay components can be disentangled, and the 1– bottomonia states. The large increase in size of the heavy flavour sample, compared to 5 TeV sample collected in 2013, allows a remarkable improvement in the accuracy of the determination of nuclear modification factors.

Summary

Author: MUELLER, Katharina (Universitaet Zuerich (CH))

Presenter: MANCA, Giulia (Universita‘ degli studi di Cagliari and INFN, Cagliari, IT)

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