Contribution ID: 6 Type: **not specified**

Measurement of coherent J/Psi production in Ultra-Peripheral Collisions with the ALICE detector at the LHC

Monday, 3 December 2012 16:30 (30 minutes)

Ultra-relativistic heavy ions generate strong electromagnetic fields which offer the possibility to study gamma–gamma and gamma-nucleus processes at the LHC in the so called ultra-peripheral collisions (UPC). The coherent photoproduction of J/Psi vector mesons in UPC is sensitive to the gluon distribution of the interacting nuclei. Here we report on ALICE results of J/Psi coherent production measured in PbPb collisions at $sqrt(s_NN) = 2.76$ TeV where the J/Psi has been measured in the mu mu decay channel with the Alice Muon Spectrometer in the rapidity range -3.6<y<-2.6.

Presentation Type

Talk

Primary author: Dr CONTRERAS, Guillermo (CVUT Praga)

Presenter: Dr CONTRERAS, Guillermo (CVUT Praga)

Session Classification: Parallel Session II: Heavy Ion Collisions