Contribution ID: **69** Type: **Parallel Talk**

J/psi production in p+p collisions with the ALICE experiment

Tuesday 5 June 2012 17:40 (20 minutes)

The ALICE experiment at CERN's Large Hadron Collider has studied J/psi production in p+p collisions at 2.76 and 7 TeV center-of-mass energies, as well as in Pb+Pb collisions at sqrt(s_NN) = 2.76 TeV.
In this talk, ALICE results on the inclusive J/psi production cross section in p+p collisions at the two energies, measured in the rapidity region |y| < 0.9 for the dielectron decay channel and 2.5 < y < 4 for the dimuon one, will be shown. Moreover, recent results on the non-prompt J/psi fraction extracted at mid-rapidity, on the inclusive J/psi polarization at forward rapidity and on the J/psi production as a function of the charged particle multiplicity for 7 TeV center-of-mass energy collisions will be discussed.

Funding Source

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Collaboration Name
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Session Classification: 2F: (Parallel) Hard QCD and Diffractive

Track Classification: Standard Model & Beyond