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

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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.

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Collaboration Name**
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ALICE Collaboration

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