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J/ ψ production at central rapidity with the ALICE experiment at LHC

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J/ ψ can be measured in the ALICE experiment at central rapidity through the dielectron channel ($J/\psi \rightarrow e^+e^-$), reaching $p_T=0$. In this contribution we report a first result obtained concerning the analysis of J/ ψ production in pp collisions at $\sqrt{s}=7$ TeV in the rapidity range $|y|<0.9$ and discuss the possibility to separate prompt and secondary J/ ψ coming from b-hadrons decays. We also give the status of the ongoing analysis and perspectives for the quarkonium measurements at central rapidity in Pb-Pb collisions.

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