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Quarkonia measurement in hadronic collisions with ALICE at the LHC

ALICE is the LHC experiment dedicated to the study of the Quark-Gluon Plasma (QGP). Among the prominent probes of the QGP, quarkonia are abundantly produced at the LHC energies. The design of the ALICE detector was optimised to allow quarkonia detection down to zero transverse momentum. This is performed in the forward muon spectrometer ($2.5 \leq \eta \leq 4$) and in the central barrel ($|\eta| < 0.9$) via the dimuon and dielectron decay channels, respectively.

The measurement of quarkonia in AA collisions is expected to provide essential information about the temperature of the QGP. In pp collisions, high precision data provides the essential baseline for the measurements in AA collisions and serves as crucial test for several competing models of quarkonium hadroproduction.

The emphasis will be put on the recent results on quarkonia production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV and selected results from pp collisions will be discussed.

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