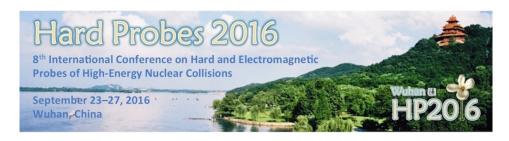
Hard Probe 2016



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Non-prompt J/Psi v_2 and R_AA in PbPb collisions at 2.76TeV with CMS

Sunday 25 September 2016 11:00 (20 minutes)

Beauty production and phenomena in heavy-ion collisions are considered one of the key measurements to address the flavour-dependence of in-medium energy loss in PbPb collisions at the LHC. The CMS experiment has excellent capabilities for measuring b-quark production thanks to the excellent performances of its muon and tracker system. In this talk, CMS will present the first measurement of the v_2 Fourier harmonic and the v_3 Fourier harmonic and the R_AA down to 3 GeV/c, for non-prompt J/Psi produced in B meson decays, in PbPb collisions at 2.76 TeV, as a function of transverse momentum, rapidity and event centrality.

Summary

Presentation type

Oral

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