



Contribution ID: 414

Type: Poster

Anisotropic flow of ϕ meson in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ALICE detector

Thursday, August 16, 2012 4:00 PM (2 hours)

The ϕ -meson flow is seen as an important observable to study hydrodynamic behavior and partonic collectivity of heavy-ion collisions. We present detailed measurements of ϕ -meson flow in $\sqrt{s_{NN}}=2.76$ TeV Pb-Pb collisions with the ALICE detector. The results are compared to the flow of other identified particles (kaons, pions, antiprotons, lambdas, cascades) to investigate the mass splitting and the approximate number of quark scaling.

Primary author: ALICE, Collaboration (CERN, Geneva, Switzerland)

Co-author: ZHOU, You (Nikhef and Utrecht University (NL))

Presenter: ZHOU, You (Nikhef and Utrecht University (NL))

Session Classification: Poster Session Reception

Track Classification: Correlations and fluctuations