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Anisotropic flow of inclusive and identified particles in Pb–Pb collisions at $\sqrt{s_{\rm NN}} = 5.02$ TeV

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Measurements of azimuthal anisotropic flow provide valuable information on the properties of the matter created in
heavy-ion collisions. In this talk we present the elliptic, triangular and quadrangular flow of inclusive and identified
charged particles measured in Pb-Pb collisions at $\sqrt{s_{\rm NN}} = 5.02$ TeV recorded by the ALICE detector.
This center of mass energy is the highest attained in the laboratory for heavy-ion collisions. The measurements are
presented for a wide range of particle transverse momenta within the pseudo-rapidity region $|\eta| < 0.8$. The results
are compared to the measurements at lower energy reported by the LHC experiments and also to theoretical predictions.

Preferred Track

Collective Dynamics

Collaboration

ALICE

Author: BERTENS, Redmer Alexander (University of Tennessee, Knoxville)

Presenter: BERTENS, Redmer Alexander (University of Tennessee, Knoxville)

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