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Anisotropic flow fluctuations of charged and identified hadrons in Pb–Pb collisions with the ALICE detector

Anisotropic flow fluctuations can be used to probe the properties and evolution of the system created in heavy-ion collisions.In this talk, I will present the elliptic and triangular flow of identified particles($\pi^{\pm}$, $\mathrm{K}^{\pm}$, $\mathrm{p}+\mathrm{p}$, $+$, $^{\pm}$, $^{\pm}$,) in Pb–Pb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02\mathrm{TeV}$ using multi-particle cumulants with the ALICE detector. Measurements are performed in central pseudorapidity region $|\eta| < 0.8$ and cover a wide transverse momentum range.
The implications of our results for understanding of the properties of the medium will be discussed.

Primary author: Mr DONGHAI, Liu (CCNU)

Presenter: Mr DONGHAI, Liu (CCNU)