

Anisotropic flow of identified particles in Pb–Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV with ALICE

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Anisotropic flow plays a critical role in understanding the properties of the quark-gluon plasma. The elliptic and triangular flow of identified particles, including π^\pm , K^\pm , $p + \bar{p}$, ϕ , K_S^0 , $\Lambda + \bar{\Lambda}$, $\Xi^- + \bar{\Xi}^+$ and $\Omega^- + \bar{\Omega}^+$ were measured by ALICE for Pb–Pb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. The measurements are presented at mid-rapidity for a wide range of particle transverse momenta. The results are compared to those for elliptic and triangular flow in Pb–Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV.

Type

Parallel talk

Sessions (parallel only)

Heavy Ions

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