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Anisotropic flow of identified particles in Pb–Pb collisions at $\sqrt{s_{\mathrm{NN}}}$ = 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 $\pi^{\pm}$, $\mathrm{K}^{\pm}$, $\mathrm{p}+\mathrm{p}$, ϕ, $\mathrm{K}^{0}_{\mathrm{S}}$, $\Lambda+\bar{\Lambda}$, $\Xi^{-}+\bar{\Xi}^{+}$ and $\Omega^{-}+\bar{\Omega}^{+}$ were measured by ALICE for Pb–Pb collisions at $\sqrt{s_{\mathrm{NN}}}$ = 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 $\sqrt{s_{\mathrm{NN}}}$ = 2.76 TeV.

Type

Parallel talk

Sessions (parallel only)

Heavy Ions

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