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# Pion-Kaon femtoscopy in Pb-Pb collisions at 2.76 TeV measured with ALICE

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Femtoscopic correlation between charged pions and kaons for different charge combinations are measured in Pb-Pb collisions at $\sqrt{s_{\rm NN}}$ = 2.76 TeV with ALICE at the LHC. The three-dimensional pion-kaon correlation functions and double ratios in out-side-long pair rest frame are studied in different centrality bins. The $\pi$-K femtoscopic source size parameter ($R_{\pi K}$) and emission asymmetry ($\mu$) are extracted. It is observed that average source size of the system and emission asymmetry between pions and kaons increase from peripheral to central events.

## Content type

Experiment

## Collaboration

ALICE

## Centralised submission by Collaboration

Presenter name already specified

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