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Type: **Poster**

Two-particle correlations in azimuthal angle and pseudorapidity in Be+Be collisions at SPS energies

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The NA61/SHINE experiment aims to discover the critical point of strongly interacting matter and study the properties of the onset of deconfinement. These goals are to be achieved by performing a two dimensional phase diagram ($T - \mu_B$) scan by measurements of hadron production properties in proton-proton, proton-nucleus and nucleus-nucleus interactions. Two-particle correlations in pseudorapidity and azimuthal angle will be presented for Be+Be interactions at beam momenta: 20, 30, 40, 75 and 150 GeV/c per nucleon. The NA61/SHINE results, corrected for detector inefficiencies, will be compared with the already published results from proton-proton collisions at similar beam momenta as well as to predictions of the EPOS model.

Content type

Experiment

Collaboration

NA61/SHINE

Centralised submission by Collaboration

Presenter name already specified

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