Contribution ID: **29** Type: **not specified**

Strangeness production in the ALICE detector

Tuesday, 4 December 2012 12:45 (45 minutes)

The ALICE experiment at the LHC has measured the production of strange hadrons in Pb–Pb and pp collisions at unprecedented beam energies. Particles are reconstructed via their weak decay topologies exploiting the excellent tracking and particle identification capabilities of the apparatus. Transverse momentum spectra and yields at mid-rapidity have been studied for &Lambda, &Xi⁻ and &Omega⁻ baryons and their anti-particles as well as for kaons. Results in Pb–Pb collisions at radic;s_{NN} = 2.76 TeV for different centrality intervals will be presented and compared with pp and lower energy nucleus-nucleus measurements.

Presentation Type

Plenary

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