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Type: **Parallel Talk**

Higher moment fluctuations of identified particle distributions from ALICE

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We present the first measurements of skewness and kurtosis of fluctuations of identified particle distributions measured with ALICE in Pb-Pb collisions. These distributions can be related to conserved quantum number fluctuations. The measurements can also be compared to RHIC measurements at lower energies and lattice QCD and hadronic resonance gas model calculations to obtain quantum number specific chemical freeze-out parameters. Finally, they will be used to constrain estimates on higher moment measurements for future LHC runs.

Content type

Experiment

Collaboration

ALICE

Centralised submission by Collaboration

Presenter name already specified

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