



Contribution ID: 55

Type: **not specified**

Reproduction of fluctuations of flow harmonics in Pb+Pb collisions at $\sqrt{s}=2.76$ TeV in the Glauber model

Friday 6 November 2015 11:25 (25 minutes)

In the framework of the Glauber model, we compute fluctuations of flow harmonics with multi-bin cumulants in Pb+Pb collisions at the LHC energy of $\sqrt{s_{NN}} = 2.76$ TeV. The model with wounded nucleons and the admixture of binary collisions leads to agreement with the experimental data from the ATLAS, ALICE, and CMS collaborations. The agreement becomes even better when negative binomial fluctuations for the particle production are overlaid over the Glauber sources.

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Session Classification: Session 12