

XIV Polish Workshop on Relativistic Heavy-Ion Collisions: Interplay between soft and hard probes of heavy-ion collisions



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Type: **Oral**

Forward backward correlations at the LHC with fluctuating strings

Sunday 7 April 2019 14:00 (20 minutes)

We investigate the forward backward multiplicity correlations for PbPb and pPb at the LHC energies. We examine various variants of Glauber models with sources interpreted as strings with fluctuating end points, as well as the effect of the fluctuations from particle production. Favorable comparisons to the data from the ATLAS and ALICE collaborations are achieved.

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