Contribution ID: **36** Type: **Parallel Talk**

Bose-Einstein correlations and $b\bar{b}$ correlations in pp collisions with LHCb

Wednesday 16 May 2018 14:40 (20 minutes)

LHCb offers the unique opportunity to perform correlation and production measurements in the light-flavour sector at forward rapidity. The measurement of the dihadron correlation as function of pseudorapidity eta and azimuthal angle phi in pp at sqrt(s)=13 TeV will be shown. The measurement will be put into context with the pPb ridge result by LHCb and will expand our knowledge on collective behaviour in small collision systems. In pPb collisions, both at forward and backward rapidity, the production measurement of the strange particles Kˆ0_S and Lambda will be presented in order to progress our understanding of soft particle production and hadronisation.

Content type

Experiment

Collaboration

LHCb

Centralised submission by Collaboration

Presenter name will be specified later

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Session Classification: Correlations and fluctuations

Track Classification: Correlations and fluctuations