



Contribution ID: 113

Type: **not specified**

## Centrality determination in pPb collisions with CMS

*Tuesday 10 September 2013 17:45 (15 minutes)*

Centrality is very important for defining the collision system size in heavy ion collisions. It provides a tool for selecting events in a similar way in different experiments and facilitates the comparison of experimental results and theoretical calculations. The progress of centrality determination in pPb collisions at CMS is presented. The choice of variables used for event classification will be discussed. The method for the estimation of geometric quantities, such as the number of nucleon participants, nucleon-nucleon collisions, and impact parameter will be shown.

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**Session Classification:** Discussion session on centrality in pPb