38th INTERNATIONAL CONFERENCE
ON HIGH ENERGY PHYSICS
AUGUST 3 - 10, 2016
CHICAGO

Contribution ID: **1209** Type: **Poster**

CMS detector tracking performances in Run II

Monday, August 8, 2016 6:30 PM (2 hours)

With the start of Run II in June 2015, LHC has re-started delivering pp collisions. LHC has ultimately exceed a center of mass energy of 13 TeV and a bunch time separation of 25 ns with a mean of more than 25 inelastic collisions superimposed on the event of interest. In these new conditions, the CMS collaboration has re-calibrated and verified the performances of the whole detector.
In particular, this talk is going to describe the CMS tracking strategy for Run II and the performances obtained through both direct and indirect measurements. Vertex finding, tracks properties and muon reconstruction efficiency measurement with tag and probe technique are going to be discussed as a direct measurement of tracking performances. In addition, the indirect estimation of pion reconstruction efficiency using as probes different decays of charmed and strange mesons will be presented.

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Session Classification: Poster Session

Track Classification: Detector: R&D and Performance