

Open charm measurements in heavy ion collisions with the CMS detector

Thursday 5 July 2018 09:54 (18 minutes)

Charm mesons are excellent probes for studying the properties of the hot and dense medium created in heavy-ion collisions. The measurement of their nuclear modification factor, elliptic and triangular flow can provide strong constraints for the mechanisms of in-medium energy loss. In this talk, the latest measurements of the D^0 in PbPb collisions at 5.02 TeV will be presented.

Author: KIM, Hyunchul (Chonnam National University (KR))

Presenter: KIM, Hyunchul (Chonnam National University (KR))

Session Classification: Heavy Ions

Track Classification: Heavy Ions