Contribution ID: **406** Type: **Oral**

Performance of the ALICE charged-particle veto detector in PbPb and pp collisions at LHC

Thursday, 18 April 2019 15:15 (15 minutes)

The charged-particle veto (CPV) detector of the ALICE experiment is a multi-wire proportional chamber with pad readout. It is designed to improve photon identification in the photon spectrometer PHOS. One module of the CPV detector was put in operation during LHC Run2 in 2015. In this talk we will present the performance of the CPV during PbPb collisions at \sqrt{s}=5.02 TeV and compare these to the previously obtained results for pp collisions at \sqrt{s}=13 TeV. We will discuss the efficiency of charged-particle track reconstruction in the CPV and photon identification in the ALICE photon spectrometer using the CPV detector both in pp and Pb-Pb collisions.

Primary author: Mr KONDRATYUK, Evgeny (IHEP)

Presenter: Mr KONDRATYUK, Evgeny (IHEP)

Session Classification: High energy physics

Track Classification: High Energy Physics