Quark Matter 2015 - XXV International Conference on Ultrarelativistic Nucleus-Nucleus Collisions



Contribution ID: 453 Type: Poster

Transverse momentum distribution of charged particles in pp collisions at $\sqrt{s}=13\,\mathrm{TeV}$ with ALICE at the LHC

Tuesday, 29 September 2015 16:30 (2 hours)

A measurement of the transverse momentum distribution of charged particles in pp collisions at $\sqrt{s}=13$ TeV was performed using the ALICE detector at the LHC. Charged particles were reconstructed in a pseudorapidity range $|\eta|<0.8$ and with transverse momenta down to $p_{\rm T}=150$ MeV/c. The results are compared to the previous ALICE measurements at lower collision energies, as well as to model calculations.

On behalf of collaboration:

ALICE

Primary authors: PEREZ LEZAMA, Edgar (Johann-Wolfgang-Goethe Univ. (DE)); GRONEFELD, Julius Maximilian (GSI - Helmholtzzentrum für Schwerionenforschung GmbH (DE))

Presenter: GRONEFELD, Julius Maximilian (GSI - Helmholtzzentrum fur Schwerionenforschung GmbH (DE))

Session Classification: Poster Session

Track Classification: Jets and High pT Hadrons