

XIV Polish Workshop on Relativistic Heavy-Ion Collisions: Interplay between soft and hard probes of heavy-ion collisions



Contribution ID: 34

Type: Oral

ALICE results on the production of charged particles in pp, p-Pb, Xe-Xe and Pb-Pb collisions at the LHC

Saturday, 6 April 2019 14:50 (20 minutes)

We discuss the energy and system size dependence of the charged-particle production at the LHC. The charged-particle multiplicity density ($dN/d\eta$), total charged-particle multiplicity (N_{tot}) and transverse momentum (p_t) spectra are presented in the narrow centrality bins spanning 0-100% interval. The results are compared to phenomenological models and theoretical calculations based on different mechanisms of particle production in nuclear collisions.

Primary author: OTWINOWSKI, Jacek Tomasz (Polish Academy of Sciences (PL))

Presenter: OTWINOWSKI, Jacek Tomasz (Polish Academy of Sciences (PL))

Session Classification: Session III