



Contribution ID: 776

Type: **Parallel Talk**

Central-forward dijets in Pb-Pb collisions in high energy factorization

Friday, 7 July 2017 16:45 (15 minutes)

We report on double inclusive jet production in Pb-Pb collision within newly constructed framework combining High Energy Factorization with mechanism for energy loss in Quark Gluon Plasma. The framework allows for exact treatment of kinematics of colliding partons and therefore to increase accuracy in studies of energy loss of jets in quark gluon plasma. Furthermore the chosen configuration of jets i.e. forward-central configuration allows for analysis of rapidity structure of quark gluon plasma.

Experimental Collaboration

Primary author: DEAK, Michal (Polish Academy of Sciences (PL))

Co-authors: KUTAK, Krzysztof (Instytut Fizyki Jadrowej Polskiej Akademii Nauk); TYWONIUK, Konrad (CERN)

Presenter: DEAK, Michal (Polish Academy of Sciences (PL))

Session Classification: Heavy ion physics

Track Classification: Heavy Ion Physics