Contribution ID: 361

Type: Oral

## **Dualities in heavy-ion collisions**

Wednesday 3 July 2024 13:40 (10 minutes)

The interplay between different theoretical descriptions of nuclear matter is considered. The statistical approach based on Zubarev density matrix appears to be dual to the geometrical one based on conical singularities for accelerated media. The new phase transition in accelerated media is predicted in both approaches which may explain the hadronization and fast thermalization.

## Section

Heavy ion collisions at Intermediate and high energies

Primary authors: PROKHOROV, Georgy; TERYAEV, Oleg (JINR); ZAKHAROV, Valentin

Presenter: TERYAEV, Oleg (JINR)

Session Classification: Heavy ion collisions at Intermediate and high energies