

Contribution ID: 38

Type: not specified

Bulk and Shear viscosity for small collision systems at LHC energies

Friday 3 November 2017 12:00 (25 minutes)

We study the interplay of the contribution of bulk and shear viscosities in p-p and p-Pb collisions at LHC energies in the framework of the String Percolation Model which for high multiplicities exhibit a similar behavior as the geometric phase transition given in heavy ion collision. The results show that the bulk viscosity gives a relevant contribution to the overall viscosity of the formed system.

Authors: Mr ALVARADO, Ricardo (BUAP); BAUTISTA GUZMAN, Irais (Autonomous University of Puebla (MX)); FERNANDEZ TELLEZ, Arturo (Autonomous University of Puebla (MX))

Presenter: Mr ALVARADO, Ricardo (BUAP)

Session Classification: Initial state physics in small collisions systems