Contribution ID: 12 Type: Oral

Spin polarization at relativistic AA and pA collisions

In this talk, we have implemented the quantum kinetic theory combined the relativistic hydrodynamics to study the spin polarization of Lambda hyperons in the relativistic AA and pA collisions. The global polarization can be well described by the current theoretical frameworks. The local polarization in low energies AA collisions and pA collisions cannot be fully understood.

Primary author: PU, Shi (University of Science and Technology of China)

Presenter: PU, Shi (University of Science and Technology of China)

Session Classification: Parallel

Track Classification: Spin in heavy ion collisions