XXIV QUARK MATTER
DARMSTADT 2014

Contribution ID: **679** Type: **Poster**

The Role of Initial-state Geometry and its Fluctuations in Hadronic Collisions

Tuesday, 20 May 2014 16:30 (2 hours)

It will be demonstrated that initial-state geometry and its attendant fluctuations play a central and consistent mechanistic role for collective anisotropic flow, jet quenching and the space-time expansion dynamics of the matter created in collisions at RHIC and the LHC. The implications of this mechanistic role for the extraction of several transport and thermodynamic coefficients will be discussed.

Primary author: LACEY, Roy (Stony Brook University)

Presenter: LACEY, Roy (Stony Brook University)

Session Classification: Poster session

Track Classification: Initial State Physics