Contribution ID: **160** Type: **Poster or pre-recorded talk**

Normal and anomalous transport in large and small collision-systems

Monday 12 July 2021 19:44 (2 minutes)

A primary aim of current nuclear science research at RHIC and the LHC is to delineate the normal and anomalous transport properties of the QGP produced in ion-ion collisions. I will show that the comprehensive RHIC and LHC data sets for different beam energies and collision systems in tandem with novel correlators and scaling functions provide unique insight into the transport properties of the QCD-matter created in small and large systems. I will also present specific testable predictions for future anisotropy measurements in small systems such as O+O at RHIC (0.20 TeV) and LHC (7.0 TeV), derived from the scaling functions.

Preferred track

Collectivity & Multiple Scattering

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Session Classification: Poster Session