

Session Program

Sep 3 - 9, 2023



Quark Matter 2023

Chirality

Hilton of the Americas, 1600 Lamar, Houston, Texas, 77010, USA

Mon, September 4

8:30 AM

Chirality: (1)

Session | **Location:** Hilton of the Americas, Ballroom A | **Convener:** Dirk Rischke

08:30 - 08:50 **Hyperon Polarization in Heavy Ion Collisions from STAR**

Speaker

Xingrui Gou

08:50 - 09:10 **Search for anomalous chiral effects in heavy-ion collisions with ALICE**

Speaker

Chunzheng Wang

09:10 - 09:30

QGP vortex rings as a new probe for jet-induced medium response and longitudinal dynamics

Speaker

Willian Matioli Serenone

09:30 - 09:50

New Insights into Global Spin Alignment in Heavy-Ion Collisions: Measurements of ϕ , ω , ρ^0 , and J/ψ at STAR

Speaker

Baoshan Xi

09:50 - 10:10 **A new stable and causal theory of viscous chiral hydrodynamics**

Speaker

Nick Abboud

10:10 - 10:30

Search for the Chiral Magnetic and Vortical Effects Using Event Shape Variables in Au+Au Collisions at STAR

Speaker

ZHIWAN XU

10:30 AM

Tue, September 5

2:20 PM

Chirality: (2)

Session | **Location:** Hilton of the Americas, Ballroom A | **Convener:** huan huang

14:20 - 14:40 **Exact Polarization of Particles of Any Spin at Global Equilibrium**

Speaker

Andrea Palermo

14:40 - 15:00

Sphaleron damping and effects on normal and anomalous charge transport in high-temperature QCD plasmas

Speaker

Lillian de Bruin

15:00 - 15:20

Flow and hyperon polarization at RHIC BES from multi-fluid dynamics

Speaker

Dr Iurii Karpenko

15:20 - 15:40

Impact of globally spin-aligned vector mesons on the search for the chiral magnetic effect in heavy-ion collisions

Speaker

Diyu Shen

15:40 - 16:00

Post-blind Analysis of Isobar Collisions and Background-controlled Upper Limit on the Chiral Magnetic Effect from STAR

Speaker

Mr Yicheng Feng

4:00 PM