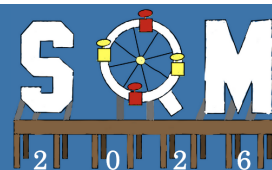


## Session Program

22-27 Mar 2026

The 22<sup>nd</sup> International Conference on  
**Strangeness in Quark Matter**  
22-27 March, 2026, Los Angeles, CA



## SQM2026

***Parallel IV: Chirality, Vorticity and  
Polarization***

Tuesday 24 March

08:45

Parallel IV: Chirality, Vorticity and Polarization: 4a  
Session | Location: University of California - Los Angeles Los Angeles, California

08:45-09:05  **$\Lambda$  polarization measurements at LHCb**  
**Speaker**  
James Daniel Brandenburg

09:05-09:25  
**Local spin polarization by color-field correlators and momentum anisotropy**  
**Speaker**  
Haesom Sung

09:25-09:45  
**Hyperon Spin Observables in Au+Au Collisions at RHIC BES-II: Global and Local Polarization, Spin Correlations**  
**Speaker**  
Tong Fu

09:45-10:05 **Local Lambda polarization in light-ion with ALICE at LHC**  
**Speaker**  
ALICE Collaboration

10:05-10:25  
**Global  $\Lambda$  Polarization Without Vorticity: Insights from a 50-Year Spin Puzzle**  
**Speaker**  
Feng Liu

10:25

10:55

Parallel IV: Chirality, Vorticity and Polarization: 4b  
Session | Location: University of California - Los Angeles Los Angeles, California

10:55-11:15  
**Flow of electromagnetic probes as a magnetometer in high-energy heavy-ion collisions**  
**Speaker**  
Nicholas J. Benoit

11:15-11:35  
**Influence of the residual magnetic field on the azimuthal distribution of final-state particles in photonuclear processes**  
**Speaker**  
Zhan Zhang

11:35-11:55 **Momentum Anisotropy from Resistive Magnetohydrodynamics**  
**Speaker**  
Khwahish Kushwah

11:55-12:15

Self-energy corrections for quantum kinetic theory and spin polarization

Speaker

Di-Lun Yang

12:15-12:35

Spin-dependent azimuthal asymmetry of coherent  $J/\psi$  photoproduction in peripheral PbPb collisions with CMS

Speaker

Xueli Hua

12:35

14:15

Parallel IV: Chirality, Vorticity and Polarization: 4c

Session | Location: University of California - Los Angeles Los Angeles, California

14:15-14:35

Chiral transport and its dependence on collision beam energy

Speaker

Jinfeng Liao

14:35-14:55

Searching for CME with Transformers

Speaker

Aihong Tang

14:55-15:15

Differential measurements of  $\phi$ -meson global spin alignment and off-diagonal spin density matrix elements in Au+Au collisions at STAR

Speaker

Gavin Wilks

15:15-15:35

Global Polarization and Vector Meson Production with ALICE

Speaker

Prattay Das

15:35-15:55

Advances in Measuring Global Spin Density Matrix Elements of Vector Mesons in Heavy-Ion Collisions

Speaker

Zhenyu Ye

15:55