

Session Program

Dec 2 - 4, 2022

**Chirality, Vorticity and Magnetic Field in
Heavy Ion Collisions**

Spin Dynamics/Vorticity Sessions

Fri, December 2

8:30 AM

Spin Dynamics/Vorticity Sessions: Spin Dynamics/Vorticity

Session | Convener: Fuqiang Wang

8:30 - 8:50 AM **Registration**

8:50 - 9:00 AM **Welcome and Logistics**

Speaker

Huan Huang

9:00 - 9:30 AM

Recent developments of spin polarization phenomenology in relativistic heavy ion collisions

Speaker

Francesco Becattini

9:30 - 10:00 AM **Spin alignment measurements and future perspective**

Speaker

Aihong Tang

10:00 - 10:30 AM

Quarkonia and heavy flavor polarization: recent results and future perspectives (Zoom)

Speaker

Luca Micheletti

10:30 - 11:00 AM **Coffee Break**

11:00 - 11:30 AM

Measurement of novel vorticity phenomenon and future perspective (Zoom)

Speaker

Mike Lisa

11:30 AM - 12:00 PM **Exact Polarization in Relativistic Fluids at Global Equilibrium**

Speaker

Andrea Palermo

12:00 PM

2:00 PM

Spin Dynamics/Vorticity Sessions: Spin Dynamics/Vorticity

Session | Convener: Wei Li

2:00 - 2:30 PM **Polarization measurement update and future**

Speaker

Sergei Voloshin

2:30 - 3:00 PM **Spin Polarization from Quantum Kinetic Theory**

Speaker

David Wagner

3:00 - 3:30 PM

Spin hydrodynamics: Status and Future Perspective

Speaker

Enrico Speranza

3:30 - 4:00 PM

Coffee Break

4:00 - 4:30 PM

Local polarization of Lambda hyperons: the role of spin Hall effect, initial condition and other possible corrections (zoom)

Speaker

Shi Pu

4:30 - 5:00 PM

Phi spin alignment (zoom)

Speaker

Qun Wang

5:00 - 5:30 PM

Opportunities at CBM

Speaker

Nu Xu

5:30 PM