



# The 7th International Conference on Chirality, Vorticity and Magnetic Field in Heavy Ion Collisions

Tuesday, 18 July 2023

## Parallel Session A - Academic Hall (14:00 - 16:15)

-Conveners: 建华 高

time	[id] title	presenter
14:00	[126] Probing novel baryonic Spin Hall Effect via measurement of local spin polarization of $\Lambda$ hyperons in STAR Beam Energy Scan	HU, Qiang
14:15	[127] Measurements of Global and Local Polarization of Hyperons in 200 GeV Isobar Collisions from STAR	苟, 兴瑞
14:30	[128] Form Factors and Chiral Kinetic Theory	田, 家源
14:45	[129] Quantum kinetic theory with QED-type collisions and collisional corrections to spin polarization	FANG, Shuo
15:00	[130] Spin polarization under gravity from Schwinger-Keldysh formalism	MO, Zonglin
15:15	[131] Quantum transport theory with vector interaction	YU, Peiwei
15:30	[181] Photon polarization in the vorticity and magnetic field	DONG, Lihua
15:45	[132] Holographic spin alignment of $J/\Psi$ in anisotropic plasma	赵, 彦清
16:00	[133] Spin hydrodynamics: analytic solutions, entropy principle, and stability analysis	WANG, Donglin

## Parallel Session A - Academic Hall (16:35 - 18:20)

-Conveners: Fei Gao

time	[id] title	presenter
16:35	[134] Effects of the first-order chiral phase transition	SUN, KaiJia
16:55	[135] Holographic QCD versus QCD diagram	HE, Song
17:15	[136] Chiral phase transition, thermalization, and prethermalization in the soft-wall AdS/QCD model	李, 丹凝
17:35	[137] N-particle irreducible actions for stochastic fluids	CHAO, Jingyi
17:50	[138] Chiral and deconfinement phase transition under rotation in the Polyakov-Nambu-Jona-Lasinio model	SUN, Fei
18:05	[139] Spin alignment of vector mesons from quark dynamics in a rotating medium	WEI, Minghua

## Wednesday, 19 July 2023

Parallel Session A - Academic Hall (08:30 - 10:40)

-Conveners: Shijun Mao

time	[id] title	presenter
08:30	[155] A novel spectral sum rule of thermal QCD	SU, Nan
08:50	[156] Closing the gap between functional QCD methods and experimental measurements	GAO, Fei
09:10	[157] Development of 3+1D glasma simulation in Milne coordinates and its application to central and non-central collisions	MATSUDA, Hidefumi
09:30	[158] Sound of rigidly moving fluids: on linear waves in inhomogeneous equilibrium configurations	SHOKRI, Masoud
09:50	[159] Negative moment of inertia and rotational instability of gluon plasma	ROENKO, Artem
10:10	[160] Vector meson polarization measurements in pp and PbPb collisions with ALICE at the LHC	BAI, Xiaozhi
10:25	[161] Chiral Magnetovortical Instability and Dynamo	王, 帅

Parallel Session A - Academic Hall (11:00 - 12:20)

-Conveners: Shi Pu

time	[id] title	presenter
11:00	[162] What can we learn from hydro for hadron?	LI, Yang
11:20	[163] Analysis of the critical fluctuations in the light-nuclei production	WU, Shanjin
11:35	[164] Drag force and heavy quark potential in a rotating background	CHEN, Junxia
11:50	[165] Helicity polarization and vorticity contribution to the spin alignment in hydrodynamic approaches	YI, Cong
12:05	[166] Spin Alignment Formula for Vector Bosons at Local Equilibrium	张, 袁华