

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

Saturday, 15 July 2023

Plenary Session (08:30 - 10:15)

-Conveners: Yu-Gang Ma

time	[id] title	presenter
08:30	[81] Opening	
08:45	[82] Chiral magnetic effect in heavy ion collisions and beyond	Prof. KHARZEEV, Dmitri
09:30	[84] Lessons from isobar collisions and event shape selections for CME searches with RHIC BES data	HUANG, Huan Zhong

Plenary Session (10:45 - 12:15)

-Conveners: Fuqiang Wang

time	[id] title	presenter
10:45	[83] Phenomenological study of anomalous chiral effects in heavy-ion collisions	MA, Guo-Liang
11:15	[85] LHC results for CME/CMW	SHOU, Qiye
11:45	[86] Discussion on CME search	

Plenary Session (14:00 - 15:30)

-Conveners: Dirk Rischke

time	[id] title	presenter
14:00	[87] Spin polarization and thermal shear effect	Prof. BECATTINI, Francesco
14:30	[88] Local spin polarization	FU, Baochi
15:00	[89] Exact form of the spin polarization at global thermodynamic equilibrium	Dr PALERMO, Andrea

Plenary Session (16:00 - 18:00)

-Conveners: Qun Wang

time	[id] title	presenter
16:00	[90] Spin alignment STAR measurements	SINGHA, Subhash
16:30	[107] Generalized Chiral Kinetic Equations	Prof. GAO, Jianhua
17:00	[92] Relativistic spin dynamics for vector mesons	SHENG, Xin-Li
17:30	[93] Discussion on spin polarization and spin alignment	

Sunday, 16 July 2023

Plenary Session (08:30 - 10:00)

-Conveners: Defu Hou

time	[id] title	presenter
08:30	[94] Using directed flow splitting as a probe for EM field	TANG, Aihong
09:00	[95] Electromagnetic effects in thermal QCD	Prof. ENDRODI, Gergely
09:30	[96] Anomalous transport coefficients from lattice QCD	MARKO, Gergely

Plenary Session (10:30 - 12:00)

-Conveners: Yi Yin

time	[id] title	presenter
10:30	[97] Macroscopic transports in a rotational system with an electromagnetic field	CAO, Gaoqing
11:00	[98] Gyrohydrodynamics under strong vorticity	HATTORI, Koichi
11:30	[99] Accessing topological fluctuations of gauge fields with the chiral magnetic effect	HUANG, Anping

Plenary Session (14:00 - 15:30)

-Conveners: Pengfei Zhuang

time	[id] title	presenter
14:00	[100] CME AuAu results and nonflow issues	WANG, Fuqiang
14:30	[101] Spin Hydrodynamics	RISCHKE, Dirk
15:00	[102] The most spinning baryonic matter	LIAO, JINFENG

Plenary Session (16:00 - 17:30)

-Conveners: Mei Huang

time	[id] title	presenter
16:00	[103] Instabilities in chiral plasma	HUANG, Xu-Guang
16:30	[104] Berry monopole and topological aspect of one-flavor color superconductor	YIN, Yi
17:00	[105] Non-linear chiral magnetic waves	SHI, Shuzhe

Monday, 17 July 2023

Plenary Session (08:30 - 10:30)

-Conveners: Francesco Becattini

time	[id] title	presenter
08:30	[106] Spin polarization in Wigner function approach	WANG, Qun
09:00	[91] Off diagonal elements of the spin density matrix of vector mesons in heavy ion collisions	梁, 作堂
09:30	[108] Applications of quantum kinetic theory to spin polarization, spin hydrodynamics and spin alignment	PU, Shi
10:00	[109] Nonlinear Chiral Kinetic Theory	MAMEDA, Kazuya

Plenary Session (10:50 - 12:20)

-Conveners: Xu-Guang Huang

time	[id] title	presenter
10:50	[110] In-medium form factors and spin polarizations	LIN, Shu
11:20	[111] Spin kinetic theory	WANG, Ziyue
11:50	[112] Casimir effect in kinetic theory	郭, 星雨

Plenary Session (14:00 - 15:30)

-Conveners: 慧超 宋

time	[id] title	presenter
14:00	[113] Anomalous transport in low dimensions	MIZHER, Ana
14:30	[114] Relativistic second-order spin hydrodynamics from entropy production principle	DAHER, Asaad
15:00	[115] Spin transport with nonlocal collisions	WAGNER, David

Plenary Session (16:00 - 18:00)

-Conveners: Ana Mizher

time	[id] title	presenter
16:00	[116] Tensor Polarization and Spectral Properties of Vector Meson in QCD Medium	LIU, Shuai
16:30	[117] Photon radiation by rotating fermions in magnetic field	Dr BUZZEGOLI, Matteo
17:00	[118] $\Lambda/\bar{\Lambda}$ Polarization and Splitting Induced by Rotation and Magnetic Field	许, 坤
17:30	[119] Presentations for holding Chirality 2024/2025	

Tuesday, 18 July 2023

Plenary Session (08:30 - 10:00)

-Conveners: JINFENG LIAO

time	[id] title	presenter
08:30	[120] Rotation-induced perturbative realization of nonperturbative QCD phenomena	Prof. FUKUSHIMA, Kenji
09:00	[121] Experimental findings on the simplest QCD topology from BES-I and Isobar data	XU, Zhangbu
09:30	[122] Improving the ZPC parton cascade with an exact solution of the relativistic Boltzmann equation +EM+vorticity	LIN, Zi-Wei

Plenary Session (10:30 - 12:00)

-Conveners: Gergely Endrodi

time	[id] title	presenter
10:30	[123] Viscous hydrodynamics with angular momentum	HOU, Defu
11:00	[124] Beyond mean field study of QCD phase transitions under external magnetic field	毛, 施君
11:30	[125] Spin Polarization and Anomalous Magnetic Moment in a (2 + 1)-flavor NJL model in the magnetized background	冯, 笙琴