

The 16th Workshop on QCD Phase Transition and Relativistic Heavy-Ion Physics (QPT 2025)

Sunday, 26 October 2025

Parallel II: Spin polarization & Chirality I - 汉宫 (Han Palace) (08:45 - 10:05)

time	[id]	title	presenter
08:45	[8]	spin dynamics in intermediate-energy heavy-ion collisions	徐, 骏
09:05	[94]	Measurement of $K^{*0,\pm}$ Mesons in Heavy-Ion Collisions at RHIC	Prof. SINGHA, Subhash
09:25	[18]	Hydrodynamic effects on spin polarization in AA and pA collisions	YI, Cong
09:45	[147]	Revealing Proton Spin Polarization via Hypertriton Production in Nuclear Collisions	刘, 代能

Parallel II: Spin polarization & Chirality II - 汉宫 (Han Palace) (11:00 - 12:20)

time	[id]	title	presenter
11:00	[67]	Chiral and spin effects in global equilibrium by quantum kinetic theory	高, 建华
11:20	[56]	Orbital dynamics in magnetovortical matter	HATTORI, Koichi
11:40	[58]	Optimal Observables for the Chiral Magnetic Effect from Machine Learning	Mr 刘, 梓谊
12:00	[180]	Effects of quark gluon plasma droplet evolution on charge separation in small collision systems	Mr 许, 易

Parallel II: Heavy Flavor I - 汉宫 (Han Palace) (14:25 - 15:45)

time	[id]	title	presenter
14:25	[136]	J/Psi energy correlator measurement at RHIC-STAR	YANG, Qian
14:45	[74]	elliptic flow coefficient of $S_{\rm D}$ as an evidence of heavy flavor sequential hadronization in HIC	DAI, Wei Ms XU, Zi-Xuan
15:05	[33]	粲偶素和奇特强子的蒙特卡罗模拟探究	ZHANG, Wenchao
15:25	[24]	Heavy Quarkonium Dissociation Using Deep Learning—Driven Medium Parameters	Dr JAMAL, MOHAMMAD YOUSUF

Parallel II: Heavy Flavor II - 汉宫 (Han Palace) (16:15 - 17:55)

time	[id]	title	presenter
16:15	[97]	Heavy quarkonium dissociation, regeneration and equilibration in the quark-gluon plasma	Prof. HE, Min
16:35	[127]	Measurement of Quarkonium Production and Polarization in Heavy-Ion Collisions	BAI, Xiaozhi

16:55	[78] Investigating the beauty quark dynamics with the non-prompt charm hadron productions in high energy pp collisions at the LHC	郑, 亮
17:15	[179] Charm baryon decay constants in Lattice QCD	Mr 王, 光宇
17:35	[158] Measurement of system size and energy dependence of J/ψ production with the STAR experiment	ZHANG, aoke Dr ZHANG, wei

Monday, 27 October 2025

Parallel II: Heavy Flavor III - 汉宫 (Han Palace) (08:20 - 10:00)

time	[id]	title	presenter
08:20	[17]	Probing QGP droplets with charmonium in high-multiplicity proton-proton collisions	CHEN, Baoyi
08:40	[102]	Perturbative and non-perturbative properties of heavy quark transport in a thermal QCD medium	LI, Shuang
09:00	[90]	Recent LHCb results on open charm and charmonium production	康, 有恩
09:20	[160]	Quarkonium Spectroscopy in the Quark-Gluon Plasma	Dr TANG, Zhanduo
09:40	[34]	Perturbative and non-perturbative interaction between heavy quarks and a plasma of quasi quarks and gluons.	Dr SUN, YaNan

Parallel II: Strangeness - 汉宫 (Han Palace) (10:30 - 12:10)

time	[id]	title	presenter
10:30	[145]	Production properties of Λ -hypernuclei and Ω -hypernuclei in the coalescence mechanism in relativistic heavy-ion collisions	王, 瑞芹
10:50	[42]	Measurement of Charge Symmetry Breaking in $A = 4$ hypernuclei in 3GeV Au+Au collisions at RHIC	Dr 邵, 天浩
11:10	[164]	Measurement of Hypertriton Production at RHIC	LI, Xiujun
11:30	[99]	Strange Hadron Production in Au+Au Collisions from STAR Fixed-Target Experiment	李, 鸿灿
11:50	[173]	Measurement of the production of hypertriton with ALICE	Mr WANG, Yuanzhe