



# The 15th Workshop on QCD Phase Transition and Relativistic Heavy-Ion Physics (QPT 2023)

Sunday, 17 December 2023

parallel III - 国旺厅 (09:00 - 17:50)

time	[id]	title	presenter
09:00	[207]	Momentum and angular correlations in $Z/\gamma$ -hadron production in relativistic heavy-ion collisions	XIE, Man
09:20	[208]	Deep learning jet modifications in heavy-ion collisions	DU, YILUN
09:40	[209]	Are gluon showers inside a quark-gluon plasma strongly coupled? a theorist's test	ELGEDAWY, Omar
10:00	[210]	Observation of medium-induced yield enhancement and acoplanarity broadening via h-jet correlations with ALICE	侯, 永珍
10:20		coffee break	
10:50	[212]	Imaging constituent quark shape of proton with exclusive vector meson production at HERA	XIANG, Wenchang
11:10	[213]	Flavor dependence of jet quenching in heavy-ion collisions	ZHANG, Shanliang
11:30	[211]	Enhancement of baryon-to-meson ratios around jets as a signature of medium response	罗, 傲
11:50	[214]	Transverse momentum balance of dijets in Xe+Xe collisions at the LHC	LI, Yao
12:10		lunch break	
14:00	[215]	Systematic study of flow harmonics via di-hadron correlations at in p+Au, d+Au and $^3\text{He}+\text{Au}$ collisions at 200 GeV	NIE, Maowu
14:20	[216]	correlations in non-uniform temperature system	JIANG, Lijia
14:40	[217]	Elliptic anisotropy of hard probes from parton scatterings in small collision systems	汤, 思宇
15:00	[218]	Elliptic anisotropy measurement of the $\mathcal{F}_0(980)$ hadron in proton-lead collisions and evidence of its quark-antiquark composition by CMS	GU, An
15:20	[219]	The anisotropic flow of identified particles in Au+Au collisions at $\sqrt{s_{NN}} = 3 - 19.6$ GeV from RHIC-STAR	吴, 星
15:40		coffee break	
16:10	[220]	Understanding the transverse-momentum-dependent observables in hard processes in pA and eA	柯 (KE), 伟尧 (Weiyao)
16:30	[221]	Probing the Short-Distance Structure of the Quark-Gluon Plasma with Energy Correlators	YANG, zhong
16:50	[222]	Rapidity and azimuthal correlations of strong color field	许, 明梅
17:10	[223]	Nuclear cluster structure effect in 0+0 collisions at RHIC energy	ZHAO, Xinli
17:30	[224]	The relation of global polarization and directed flow in Au+Au collisions at RHIC	JIANG, Ze-Fang

## Monday, 18 December 2023

parallel III - 国旺厅 (09:00 - 12:10)

time	[id] title	presenter
09:00	[242] Searching CEP in a holographic model with machine learning	陈, 勋
09:20	[243] Light quark jet quenching in higher derivative gravity	张, 自强
09:40	[244] Pion dynamics in a soft-wall AdS-QCD model	操, 宣敏
10:00	[245] Critical endpoint dynamics in 2-flavor holographic QCD: Understanding critical phenomena	赵, 彦清
10:20	lunch break	
10:50	[246] Bubble nucleation and gravitational waves from holography	CHEN, Yidian
11:10	[247] Holographic imaginary potential of a quark antiquark pair in the presence of gluon condensation	TAHERY, Sara
11:30	[248] Investigating high energy proton-proton collisions with a multi-phase transport model coupled with PYTHIA8 initial conditions	ZHENG, Liang
11:50	[249] Validation of GPU-accelerated parton cascade with elliptic flow	刘, 庆军