

第二十届全国中高能核物理大会暨第十四届全国中高能核物理专题研讨会

Saturday, 26 April 2025

分会场一：实验进展（08:15 - 10:00）

-Conveners: Jinhui Chen

time	[id]	title	presenter
08:15	[236]	CEE实验进展	ZHANG, Yapeng
08:40	[83]	中高能核物理实验通用探测器新型概念	LIANG, Yutie
09:00	[12]	The status of sPHENIX experiment at RHIC	Dr MA, Weihu
09:20	[136]	惠州强子谱仪(HHaS)	Dr 仇, 浩
09:40	[72]	ALICE Run 3 实验中 5.36 TeV 下 Pb—Pb 碰撞中带电喷注的喷注谱及其修正效应的测量与喷注 $s_{\sqrt{s}}$ 的测量	WANG, YuBiao

分会场一：机器学习等（10:30 - 12:15）

-Conveners: Qiye Shou

time	[id]	title	presenter
10:30	[239]	使用核碰撞仿真与机器学习研究核子核子关联	PANG, LongGang
10:55	[57]	Jet momentum reconstruction in the QGP background with machine learning	DU, YILUN
11:15	[129]	Nuclear equation of state at finite μ_B using deep learning assisted quasi-parton model}	李, 甫鹏
11:35	[41]	Intermittency analysis in relativistic heavy-ion collisions	Prof. LI, Zhiming
11:55	[104]	Measurement of Light Nuclei Production in Au+Au Collisions at $\sqrt{s_{NN}} = 3 - 200$ GeV from RHIC-STAR	LIU, Hui

分会场一：QCD相结构（14:00 - 15:45）

-Conveners: Hengtong Ding

time	[id]	title	presenter
14:00	[18]	Liquid gas transition of nuclear matter in QCD	GAO, fei
14:25	[222]	恒星环境强场对 3α 反应率的影响	SU, Jun
14:45	[65]	Characteristics and influences of nonequilibrium evolution near the phase boundary of 3D Ising model	许, 明梅
15:05	[14]	Kaon superfluidity in the early Universe	曹, 高清
15:25	[94]	Entanglement in the nuclear collective motion	陈, 启博

分会场一：初态核效应（16:10 - 18:05）

-Conveners: KaiJia Sun

time	[id]	title	presenter
16:10	[243]	Physics opportunities from relativistic isobar collisions	XU, Haojie
16:35	[244]	Hyperon-Nucleon Spectrometer at HIAF	ZHAO, Yuxiang
17:00	[119]	Observation of a family of all-charm tetra-quark candidates at CMS	YI, Kai
17:25	[39]	Nuclear Clustering and Non-Equilibrium Dynamics in Small-System Collisions	Dr ZHAO, XINLI
17:45	[17]	Study nucleus structure through spectator particle yield in relativistic heavy-ion collisions	徐, 骏

Sunday, 27 April 2025

分会场一：理论进展 (08:15 - 10:00)

-Conveners: Yifeng Sun

time	[id] title	presenter
08:15	[248] 基矢光前量子化方法新进展	ZHAO, Xingbo
08:40	[63] Functional renormalization group study of anomalous magnetic moment in Nambu-Jona-Lasinio model	温, 睿
09:00	[60] Attractor of hydrodynamics with general rapidity distribution	SHILE, Chen
09:20	[43] Holographic study of quark matter properties and QCD phase diagram	LI, Zhibin
09:40	[25] Evaluate the magnetic field in heavy-ion collisions by virtual photon polarization and dilepton anisotropy	Dr WEI, Minghua

分会场一：理论进展 (10:25 - 12:10)

-Conveners: Defu Hou

time	[id] title	presenter
10:25	[250] Non-hydrodynamics from the symmetry principle	尹, 伊
10:50	[10] Correlations and fluctuations in a magnetized PNJL model with and without inverse magnetic catalysis effect	Prof. 毛, 施君
11:10	[85] Temperature Dependence of Heavy Quark Diffusion from 2+1-Flavor Lattice QCD	SHU, Hai-Tao
11:30	[49] Pion and Kaon Condensation from Holographic QCD	CHEN, Yidian
11:50	[44] 利用推广的 NJL模型研究高密物质	夏, 铖君