



# 第一届华中核理论中心区域研讨会(The 1st Central China Center for Nuclear Theory Regional Workshop)

Saturday, 6 June 2026

## 报告与讨论: Morning Session I (08:30 - 09:10)

-Conveners: En Wang

time	[id]	title	presenter
08:30	[3]	Introduction to C3NT	WANG, Xin-Nian
08:45	[4]	湖南大学高能组介绍	DAI, Lingyun

## 报告与讨论: Morning Session II (10:05 - 11:45)

-Conveners: 汉林 李

time	[id]	title	presenter
10:05	[6]	安徽理工大学核理论研究进展及规划	WANG, xinyang
10:30	[7]	EFTs for dark matter nucleus scattering	CHEN, Qing
10:55	[8]	Anisotropy induced spin alignment	董, 文博
11:20	[24]	Spin density matrix for rho mesons in a pion gas	尹, 轶亮

## 报告与讨论: Afternoon Session I (14:00 - 15:40)

-Conveners: 凌云 戴

time	[id]	title	presenter
14:00	[10]	郑州大学团队介绍	WANG, En
14:25	[11]	Nucleon Sea Content	MA, Bo-Qiang
14:50	[16]	Reveal short range interactions between u/d quarks in the NN, D03, and D30 systems	LV, qifang
15:15	[25]	Pion Radiative Decays of Excited Hidden-Charm Pentaquark Molecules: From $\Sigma_c^{(*)}\bar{D}^{(*)}(2S)$ Molecules to Known $\Sigma_c$ States	陈, 锐

## 报告与讨论: Afternoon Session II (16:10 - 17:50)

-Conveners: 小华 李

time	[id]	title	presenter
16:10	[26]	Flavor hierarchy of jet energy correlators in heavy-ion collisions	XING, Wen-Jing
16:35	[13]	Ground-state and radially excited charmed mesons in B decays	张, 志清
17:00	[14]	Nuclear Theory Research @ Central South University	熊(XIONG), 小努(Xiaonu)
17:25	[15]	Probing light-quark dipole operators with nucleon energy correlators at the EIC	HUANG, Yingsheng

## Sunday, 7 June 2026

### 报告与讨论: Morning Session I (08:30 - 09:45)

-Conveners: Ben-Wei Zhang

time	[id] title	presenter
08:30	[17] 华中科技大学基础理论物理研究所整体情况	DENG, Wei-Tian
08:55	[18] Gravitational wave imprints of dark-QCD phase transition	康, 召丰
09:20	[19] 中国地质大学 (武汉) 核理论发展介绍	张, 自强

### 报告与讨论: Morning Session II (10:15 - 11:30)

-Conveners: Qun Wang

time	[id] title	presenter
10:15	[27] D-meson production via sequential hadronization in high-energy nuclear collisions	DAI, Wei
10:40	[21] 华中师范大学粒子物理研究所核理论方向介绍	柯 (KE), 伟尧 (Weiyao)
11:05	[22] 自动微分与生成模型在高能核物理中的应用	庞, 龙刚