## QCD 物理研讨会暨基金委创新 研究群体与科技部重点研发计 划项目进展年度交流会

## **Report of Contributions**

开幕

Contribution ID: 36

Type: not specified

开幕

Sunday, 27 July 2025 09:00 (25 minutes)

Jet quenching and medium response

Contribution ID: 37

Type: not specified

### Jet quenching and medium response

Sunday, 27 July 2025 09:25 (25 minutes)

 Presenter: 秦, 广友 (华中师范大学)

 Session Classification: 学术报告

基于费米镜技术研究奇特强子态

Contribution ID: 38

Type: not specified

### 基于费米镜技术研究奇特强子态

Sunday, 27 July 2025 09:50 (25 minutes)

**Presenter:** 耿, 立升 (北京航空航天大学) **Session Classification:** 学术报告

Precise Imaging of Nuclear Struc⊠...

Contribution ID: 39

Type: not specified

### Precise Imaging of Nuclear Structure at TeV Energy Scale

Sunday, 27 July 2025 10:45 (25 minutes)

**Presenter:** 周,铀 (Niels Bohr Institute) Session Classification: 学术报告

Physics at High Baryon Density : ...

Contribution ID: 40

Type: not specified

### Physics at High Baryon Density : "Recent Results from RHIC Beam Energy Scan"

Sunday, 27 July 2025 11:10 (25 minutes)

 Presenter:
 罗, 晓峰 (华中师范大学)

 Session Classification:
 学术报告

Overview of recent experimenta⊠...

Contribution ID: 41

Type: not specified

### Overview of recent experimental results on open heavy flavor and quarkonium production

Sunday, 27 July 2025 11:35 (25 minutes)

 Presenter:
 白, 晓智 (中国科学技术大学)

 Session Classification:
 学术报告

Exploring nuclear physics acros⊠...

Contribution ID: 42

Type: not specified

### Exploring nuclear physics across energy scale

Sunday, 27 July 2025 14:00 (25 minutes)

 Presenter:
 宋, 慧超(北京大学)

 Session Classification:
 学术报告

Real time simulation of quantum t⊠...

Contribution ID: 43

Type: not specified

# Real time simulation of quantum thermalization and hydrodynamics

Sunday, 27 July 2025 14:25 (25 minutes)

 Presenter: 施, 舒哲 (清华大学)

 Session Classification: 学术报告

ALICE Bulk properties

Contribution ID: 44

Type: not specified

### **ALICE Bulk properties**

Sunday, 27 July 2025 14:50 (25 minutes)

 Presenter:
 寿,齐烨(复旦大学)

 Session Classification:
 学术报告

重离子碰撞中不稳定轻核和超核...

Contribution ID: 45

Type: not specified

## 重离子碰撞中不稳定轻核和超核的整体自旋极化效应

Sunday, 27 July 2025 15:45 (25 minutes)

**Presenter:** 孙, 开佳 (复旦大学) **Session Classification:** 学术报告

Electromagnetic fields and spin a $\boxtimes$ ...

Contribution ID: 46

Type: not specified

# Electromagnetic fields and spin alignment of quarkonia

Sunday, 27 July 2025 16:10 (25 minutes)

**Presenter:**林,树(中山大学) **Session Classification:**学术报告

Measurements of Hyperon Spin P⊠...

Contribution ID: 47

Type: not specified

### Measurements of Hyperon Spin Polarization in Heavy Ion Collisions from STAR

Sunday, 27 July 2025 16:35 (25 minutes)

 Presenter:
 苟, 兴瑞 (山东大学)

 Session Classification:
 学术报告

TPE corrections to muonic atom $\square$ ...

Contribution ID: 48

Type: not specified

### TPE corrections to muonic atoms from Lattice QCD

Monday, 28 July 2025 09:00 (25 minutes)

**Presenter:** 冯, 旭 (北京大学) **Session Classification:** 学术报告

反问题方法——非微扰 QCD 新...

Contribution ID: 49

Type: not specified

# 反问题方法——非微扰 QCD 新方法及其在强子结构中的应用

Monday, 28 July 2025 09:25 (25 minutes)

**Presenter:** 于, 福升 (兰州大学)

Precision Calculations for Hard E⊠...

Contribution ID: 50

Type: not specified

### Precision Calculations for Hard Exclusive Reactions: An Everlasting Beautiful Journey

Monday, 28 July 2025 09:50 (25 minutes)

 Presenter:
 王, 玉明 (南开大学)

 Session Classification:
 学术报告

Searching for the QCD Critical  $\mathbb{E} \mathbb{Z}$ ...

Contribution ID: 51

Type: not specified

### Searching for the QCD Critical Endpoint at Low Temperature with Lattice QCD

Monday, 28 July 2025 10:45 (25 minutes)

 Presenter:
 丁,亨通(华中师范大学)

 Session Classification:
 学术报告

Baryon mass and spin from CLQ⊠...

Contribution ID: 52

Type: not specified

### Baryon mass and spin from CLQCD ensembles

Monday, 28 July 2025 11:10 (25 minutes)

**Presenter:** 杨,一玻 (ITP-CAS) **Session Classification:** 学术报告

Global analysis of transversity  $P\boxtimes$ ...

Contribution ID: 53

Type: not specified

### Global analysis of transversity PDFs based on lattice and experimental data

Monday, 28 July 2025 11:35 (25 minutes)

**Presenter:** 孙, 鹏 (近物所) **Session Classification:** 学术报告

Temperature Measurement of th $\boxtimes\ldots$ 

Contribution ID: 54

Type: not specified

# Temperature Measurement of the QGP via Thermal Dileptons

Monday, 28 July 2025 14:00 (25 minutes)

 Presenter:
 叶, 早晨 (华南师范大学)

 Session Classification:
 学术报告

RHIC-STAR 光致产生的实验进展

Contribution ID: 55

Type: not specified

## RHIC-STAR 光致产生的实验进展

Monday, 28 July 2025 14:25 (25 minutes)

**Presenter:** 查, 王妹 (中国科学技术大学) **Session Classification:** 学术报告

Azimuthal Asymmetries: New In⊠...

Contribution ID: 56

Type: not specified

# Azimuthal Asymmetries: New Insights into Hadronic Interactions at $e^+e^-$ Colliders

Monday, 28 July 2025 14:50 (25 minutes)

 Presenter:
 周, 雅瑾 (山东大学)

 Session Classification:
 学术报告

Baryon polarimeter at EicC and H-...

Contribution ID: 57

Type: not specified

### **Baryon polarimeter at EicC and H-NS**

Monday, 28 July 2025 15:45 (25 minutes)

 Presenter: 梁, 羽铁 (近物所)

 Session Classification: 学术报告

qT slicing for multijet production ...

Contribution ID: 58

Type: not specified

### qT slicing for multijet production at the NNLO

Monday, 28 July 2025 16:10 (25 minutes)

 Presenter:
 邵, 鼎煜 (复旦大学)

 Session Classification:
 学术报告

spin correlation

Contribution ID: 59

Type: not specified

### spin correlation

Monday, 28 July 2025 16:35 (25 minutes)

 Presenter: 魏,树一(山东大学)

 Session Classification: 学术报告

Energy Correlators from Theory to ...

Contribution ID: 60

Type: not specified

## **Energy Correlators from Theory to Experiment**

*Tuesday, 29 July 2025 09:00 (25 minutes)* 

 Presenter:
 朱, 华星 (北京大学)

 Session Classification:
 学术报告

Non-perturbative physics with e $\boxtimes$ ...

Contribution ID: 61

Type: not specified

### Non-perturbative physics with energy correlators

*Tuesday, 29 July 2025 09:25 (25 minutes)* 

**Presenter:** 刘, 晓辉 (北京师范大学) **Session Classification:** 学术报告

Studying Maximal Entanglemen⊠...

Contribution ID: 62

Type: not specified

### **Studying Maximal Entanglement and Bell** Nonlocality at an Electron-Ion Collider

Tuesday, 29 July 2025 09:50 (25 minutes)

 Presenter:
 肖,博文(香港中文大学(深圳))

 Session Classification:
 学术报告

Spin alignment from gluon polari⊠...

Contribution ID: 63

Type: not specified

## Spin alignment from gluon polarization

*Tuesday, 29 July 2025 10:45 (25 minutes)* 

**Presenter:**黄,梅(国科大) **Session Classification:**学术报告 ALICE 实验的超子和超核研究

Contribution ID: 64

Type: not specified

### ALICE 实验的超子和超核研究

Tuesday, 29 July 2025 11:35 (25 minutes)

**Presenter:** 张, 晓明 (华中师范大学) **Session Classification:** 学术报告

TMDs from Lattice QCD

Contribution ID: 65

Type: not specified

### TMDs from Lattice QCD

Tuesday, 29 July 2025 14:00 (25 minutes)

 Presenter:
 王, 伟 (上海交通大学)

 Session Classification:
 学术报告

Electroweak Corrections For Hig⊠...

Contribution ID: 66

Type: not specified

### **Electroweak Corrections For Higgs Boson Physics**

Tuesday, 29 July 2025 14:25 (25 minutes)

**Presenter:** 陈, 龙斌 (广州大学) **Session Classification:** 学术报告

Rare W $\rightarrow$ Bc+ $\gamma$  decay up to the N $\boxtimes$ ...

Contribution ID: 67

Type: not specified

# Rare $W \rightarrow Bc+\gamma$ decay up to the NNLO and NLL accuracy in QCD

Tuesday, 29 July 2025 14:50 (25 minutes)

Presenter: 李, 新强 (华中师范大学)

Two loop QCD corrections to  $ee \rightarrow ...$ 

Contribution ID: 68

Type: not specified

# Two loop QCD corrections to $ee{\rightarrow}$ $J/\psi$ + $\eta c$ in asymptotic expansion

Tuesday, 29 July 2025 15:45 (25 minutes)

 Presenter: 桑, 文龙 (西南大学)

 Session Classification: 学术报告

Tame multi-leg Feynman integrals...

Contribution ID: 69

Type: not specified

### Tame multi-leg Feynman integrals beyond one loop

Tuesday, 29 July 2025 16:10 (25 minutes)

 Presenter: 马, 滟青 (北京大学)

 Session Classification: 学术报告

Precision Perturbative QCD Corr⊠...

Contribution ID: 70

Type: not specified

#### Precision Perturbative QCD Corrections to the Hadronic Structure Functions of Semileptonic Heavy Quark Decays

Tuesday, 29 July 2025 16:35 (25 minutes)

**Presenter:** 陈, 龙 (山东大学) **Session Classification:** 学术报告

讨论

Contribution ID: 71

Type: not specified

## 讨论

Monday, 28 July 2025 17:00 (1 hour)

讨论

Contribution ID: 72

Type: not specified

## 讨论

Sunday, 27 July 2025 17:00 (30 minutes)

讨论

Contribution ID: 73

Type: not specified

## 讨论

Tuesday, 29 July 2025 17:00 (1 hour)

Relativistic spin hydrodynamic⊠...

Contribution ID: 74

Type: not specified

### Relativistic spin hydrodynamics with antisymmetric spin tensors and an extension of the Bargmann-Michel-Telegdi equation

Tuesday, 29 July 2025 11:10 (25 minutes)

**Presenter:** 浦, 实 (中国科学技术大学) **Session Classification:** 学术报告