

# 首届喷注与重夸克物理研讨会 (The 1st Workshop on Jet and Heavy Quark Physics, JAQ 2026)



## Report of Contributions

Contribution ID: 1

Type: **not specified**

# Opening

*Saturday, 24 January 2026 09:00 (5 minutes)*

Contribution ID: 2

Type: **not specified**

## Theoretical overview of jets in heavy-ion collisions

*Saturday, 24 January 2026 09:05 (30 minutes)*

**Presenter:** 杨, 忠 (范德堡大学)

**Session Classification:** 报告与讨论

Contribution ID: 3

Type: **not specified**

## Jet-medium coupling in heavy-ion collisions

*Saturday, 24 January 2026 09:35 (20 minutes)*

**Presenter:** 罗, 覃 (湖南大学)

**Session Classification:** 报告与讨论

Contribution ID: 4

Type: **not specified**

# Jet quenching and quark energy loss from holographic QCD

*Saturday, 24 January 2026 09:55 (20 minutes)*

**Presenter:** 李, 志镔 (郑州大学)

**Session Classification:** 报告与讨论

Contribution ID: 5

Type: **not specified**

## Experimental overview of jets in heavy-ion collisions

*Saturday, 24 January 2026 10:50 (30 minutes)*

**Presenter:** 聂, 茂武 (山东大学)

**Session Classification:** 报告与讨论

Contribution ID: 6

Type: **not specified**

# Application of machine learning in jet quenching

*Saturday, 24 January 2026 11:20 (20 minutes)*

**Presenter:** 杜, 轶伦 (南京师范大学)

**Session Classification:** 报告与讨论

Contribution ID: 7

Type: **not specified**

## **Suppression of the jet quenching parameter near the critical temperature**

*Saturday, 24 January 2026 11:40 (20 minutes)*

**Presenter:** 郭, 云 (广西师范大学)

**Session Classification:** 报告与讨论



Contribution ID: 8

Type: **not specified**

## Overview of parton showers and jet properties in proton-proton collisions

*Saturday, 24 January 2026 14:00 (30 minutes)*

**Presenter:** 李, 海涛 (山东大学)

**Session Classification:** 报告与讨论

Contribution ID: 9

Type: **not specified**

## Overview of Lattice QCD calculations for heavy flavors

*Saturday, 24 January 2026 14:30 (30 minutes)*

**Presenter:** 舒, 海涛 (华中师范大学)

**Session Classification:** 报告与讨论

Contribution ID: **10**

Type: **not specified**

## Particle correlations in jets

*Saturday, 24 January 2026 15:00 (20 minutes)*

**Presenter:** 赵, 文彬 (华中师范大学)

**Session Classification:** 报告与讨论

Contribution ID: 11

Type: **not specified**

## **Differentiating the energy-energy correlators with charged particle multiplicity within a jet**

*Saturday, 24 January 2026 15:20 (20 minutes)*

**Presenter:** 段, 丕 (华中师范大学)

**Session Classification:** 报告与讨论

Contribution ID: 12

Type: **not specified**

# Multiplicity distributions in QCD jets and large-radius jet suppression with substructure dependence at the LHC

*Saturday, 24 January 2026 16:10 (20 minutes)*

**Presenter:** 段, 香盼 (复旦大学)

**Session Classification:** 报告与讨论

Contribution ID: 13

Type: **not specified**

## **Jet transport and emergence of thermal recoil jets in heavy-ion collisions**

*Saturday, 24 January 2026 16:30 (20 minutes)*

**Presenter:** 党, 一超 (山东大学)

**Session Classification:** 报告与讨论

Contribution ID: 14

Type: **not specified**

## **Medium modification of the charge-weighted energy-energy correlators in Pb+Pb collisions at 5.02 TeV**

*Saturday, 24 January 2026 16:50 (20 minutes)*

**Presenter:** 陈, 时勇 (黄冈师范学院)

**Session Classification:** 报告与讨论

Contribution ID: 15

Type: **not specified**

## **Probing jet angular broadening and its flavor dependence in heavy-ion collisions**

*Saturday, 24 January 2026 17:10 (20 minutes)*

**Presenter:** 王, 洒 (三峡大学)

**Session Classification:** 报告与讨论



Contribution ID: 16

Type: **not specified**

## Particle correlations and elliptic anisotropy inside jets: new perspectives for jet quenching

*Saturday, 24 January 2026 17:30 (20 minutes)*

**Presenter:** 茹, 国 (华南师范大学)

**Session Classification:** 报告与讨论

Contribution ID: 17

Type: **not specified**

## Theoretical overview of heavy quarks in heavy-ion collisions

*Sunday, 25 January 2026 09:00 (30 minutes)*

**Presenter:** 邢, 文静 (南华大学)

**Session Classification:** 报告与讨论

Contribution ID: **18**

Type: **not specified**

## **Flow of the charm hadron to constrain in-medium hadronisation**

*Sunday, 25 January 2026 09:30 (20 minutes)*

**Presenter:** 代, 巍 (中国地质大学-武汉)

**Session Classification:** 报告与讨论

Contribution ID: **19**

Type: **not specified**

## **T-matrix approach for QGP and heavy-quark physics**

*Sunday, 25 January 2026 09:50 (20 minutes)*

**Presenter:** 刘, 帅

**Session Classification:** 报告与讨论

Contribution ID: 20

Type: **not specified**

## Experimental overview of heavy quarks in heavy-ion collisions

*Sunday, 25 January 2026 10:40 (30 minutes)*

**Presenter:** 白, 晓智 (中国科学技术大学)

**Session Classification:** 报告与讨论

Contribution ID: 21

Type: **not specified**

## Open heavy flavour production at LHCb

*Sunday, 25 January 2026 11:10 (20 minutes)*

**Presenter:** 王, 剑桥 (清华大学)

**Session Classification:** 报告与讨论

Contribution ID: 22

Type: **not specified**

## **Energy dependence of $\pi/\pi$ production in Au+Au collisions at $\sqrt{s_{NN}} = 14.6, 17.3, 19.6$ and 27 GeV at STAR**

*Sunday, 25 January 2026 11:30 (20 minutes)*

**Presenter:** 张, 炜 (华南师范大学)

**Session Classification:** 报告与讨论

Contribution ID: 23

Type: **not specified**

## Recent LHCb results on charmonium production

*Sunday, 25 January 2026 11:50 (20 minutes)*

**Presenter:** 康, 有恩 (清华大学)

**Session Classification:** 报告与讨论



Contribution ID: 24

Type: **not specified**

## Overview of jets in electron-ion collisions

*Sunday, 25 January 2026 14:00 (30 minutes)*

**Presenter:** 邵, 鼎煜 (复旦大学)

**Session Classification:** 报告与讨论

Contribution ID: 25

Type: **not specified**

## Photoproduction in hadronic heavy-ion collisions

*Sunday, 25 January 2026 14:30 (20 minutes)*

**Presenter:** 查, 王妹 (中国科学技术大学)

**Session Classification:** 报告与讨论

Contribution ID: 26

Type: **not specified**

## **Disentangling sub-eikonal broadening effects: boosts vs quantum effects**

*Sunday, 25 January 2026 14:50 (20 minutes)*

**Presenter:** BAHDER, Joseph (华中师范大学)

**Session Classification:** 报告与讨论

Contribution ID: 27

Type: **not specified**

## **RTA-resummed stochastic diffusion beyond white noise: Markovization and $W_n$ cumulant dynamics**

*Sunday, 25 January 2026 15:10 (20 minutes)*

**Presenter:** ABBASI, Navid (兰州大学)

**Session Classification:** 报告与讨论

Contribution ID: 28

Type: **not specified**

## The equations of motion of a spinning particle in a background Yang-Mills field

*Sunday, 25 January 2026 16:00 (20 minutes)*

**Presenter:** 孙, 艺锋 (上海交通大学)

**Session Classification:** 报告与讨论

Contribution ID: 29

Type: **not specified**

## Energy-energy correlators from large to small systems

*Sunday, 25 January 2026 16:20 (20 minutes)*

**Presenter:** 李, 林 (华中师范大学)

**Session Classification:** 报告与讨论

Contribution ID: 30

Type: **not specified**

## Measurement of $\langle E_T \rangle$ energy correlator in p+p collisions at $\sqrt{s} = 200$ GeV at STAR

*Sunday, 25 January 2026 16:40 (20 minutes)*

**Presenter:** 沈, 丹丹 (山东大学)

**Session Classification:** 报告与讨论

Contribution ID: 31

Type: **not specified**

## Heavy quarkonium dissociation, regeneration and equilibration in the quark-gluon plasma

*Sunday, 25 January 2026 17:00 (20 minutes)*

**Presenter:** 赵, 守杏 (南京理工大学)

**Session Classification:** 报告与讨论



Contribution ID: 32

Type: **not specified**

## **Production of open-flavor hadrons from PACIAE model**

*Sunday, 25 January 2026 17:20 (20 minutes)*

**Presenter:** 雷, 安科 (贵州师范大学)

**Session Classification:** 报告与讨论