

# 第十六届 QCD 相变与相对论重离子物理研讨会

## (第一轮通知)

尊敬的各位老师、同学：

您好！

经会议顾问委员会讨论决定，“第十六届 QCD 相变与相对论重离子物理研讨会”将于 2025 年 10 月 24 日至 10 月 28 日在广西桂林市召开。本次研讨会由广西师范大学与广西科技大学负责承办。会议将汇聚理论与实验物理学家，围绕相对论重离子碰撞中 QCD 相变的前沿问题展开深入探讨。会议议题包括但不限于以下方面：

According to the decision of the Advisory Committee, we are pleased to announce that the 16th Workshop on QCD Phase Transition and Relativistic Heavy-Ion Physics will be held on October 24-28, 2025 in Guilin. The workshop is jointly organized by Guangxi Normal University (GXNU) and Guangxi University of Science and Technology (GXUST). The goal of the workshop is to bring together the theoretical and experimental physicists to explore frontier topics in QCD phase transitions in the relativistic heavy-ion collisions. Topics of interest include, but are not limited to:

QCD 相变与状态方程(QCD phase transition and equation of state)

重味与奇异粒子(heavy flavor and strangeness)

自旋极化和手征效应(spin polarization and chiral effect)

喷注物理(jet physics)

核子结构(nucleon structure)

电磁信号(electromagnetic signal)

UPC 物理(UPC physics)

集体流和关联(collective flow and correlation)

新的理论方法(new theoretical methods)

我们诚挚地邀请您参加本次研讨会，并请您转发给对会议感兴趣的同事、博士后以及研究生。

We sincerely invite you to participate in this workshop and kindly ask you to forward this announcement to colleagues, postdoctoral researchers, and graduate students who may be interested.

### ● 会议详情：

1. 时间: 10 月 24 日报到，10 月 25 日至 28 日正式会议，10 月 28 日中午离会。

2. 地点：桂林大公馆酒店（桂林市秀峰区中隐路 2 号）。会议统一安排食宿，费用自理。

3. 网页：<https://indico.ihep.ac.cn/event/25521/>

4. 会议注册费：教师及博士后 2000 元/人，研究生 1500 元/人，家属 800 元/人。

会议注册、报告摘要提交系统将于近期开通，细节内容会逐步更新完善。请您关注网站发布的最新消息。

● Workshop Details:

1. Schedule: check-in: Oct. 24, workshop: Oct. 25–28, departure: noon on Oct. 28.

2. Venue: Grand Bravo Guilin Hotel (No. 2, Zhongyin Road, Xiufeng District, Guilin). Accommodation will be arranged by the organizers.

3. Webpage: <https://indico.ihep.ac.cn/event/25521/>

4. Registration fee: 2000 RMB per person for faculty and postdoctoral researchers, 1500 RMB per person for graduate students, 800 RMB per person for accompany persons.

The registration and abstract submission system will open soon. Please check the webpage for updates.

我们期待与您在“山水甲天下”的桂林相聚，共同探讨学术前沿，分享研究成果，度过一段充实而美好的时光。如有任何疑问，欢迎随时联系会务组。

We look forward to welcoming you to Guilin, where we can explore cutting-edge academic topics, share research achievements, and enjoy a fulfilling and memorable experience. If you have any question, please feel free to contact the local organizing committee.

顾问委员会 (Advisory Committee):

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第十六届 QCD 相变与相对论重离子物理研讨会 会务组

2025 年 3 月 27 日