

# HALO-40

## INTERNATIONAL SYMPOSIUM COMMEMORATING THE 40<sup>TH</sup> ANNIVERSARY OF THE HALO NUCLEI

CAPITAL HOTEL, BEIJING, CHINA

OCTOBER 12-18, 2025

### 3 Third Circular

After an experimental discovery of anomalously large interaction cross sections of  $^{11}\text{Li}$  in 1985, the concept of the neutron halo was originated in 1987. Following the successful 30th anniversary event in 2015, the **International Symposium Commemorating the 40th Anniversary of the Halo Nuclei (HALO-40)** will be held in Beijing on October 12 – 18, 2025.

#### Main topics



- Halo nuclei
- Nuclear structures approaching the dripline
- Reaction dynamics for exotic nuclei
- Advanced nuclear models for exotic nuclei
- Interdisciplinary frontiers related to exotic nuclei
- Facility and instruments for exotic nuclei

#### Website



Please visit the official website <https://indico.pku.edu.cn/event/42/> for comprehensive information on registration, abstract submission, venue, accommodation, transportation, etc.

#### Important Dates



- **June 16, 2025** • ..... • Registration opens
- **June 16, 2025** • ..... • Abstract submission starts
- **August 10, 2025** • ..... • Early registration closes
- **September 14, 2025** • ..... • Online registration closes
- **September 14, 2025** • ..... • Deadline for abstract submission
- **October 12, 2025** • ..... • On-site registration

#### Preliminary Program



	Oct. 12 (Sun)	Oct. 13 (Mon)	Oct. 14 (Tue)	Oct. 15 (Wed)	Oct. 16 (Thu)	Oct. 17 (Fri)	Oct. 18 (Sat)
8:30-12:30		Opening Talks	Talks	Talks	Talks	Talks	Departure
14:00-18:00	Registration	Talks	Talks	Talks	Free time	Talks Closing	
18:00-20:00	Reception			Banquet			

# Call for Abstract



# Registration and Symposium Fee



# Venue



## Abstract submission until September 14 , 2025

Contributions of abstracts for oral and poster presentations will be handled through a dedicated Indico page below. Please use the provided abstract template and submit the compiled PDF file.

<https://indico.pku.edu.cn/event/42/registrations/67/>

Registration opens on June 16, 2025. The early registration is available until August 10, 2025. Please register through the official webpage.

<https://indico.pku.edu.cn/event/42/registrations/56/>

The registration fee can be paid by the bank transfer. The registration fee includes the welcome reception, the conference banquet, lunches for Oct. 13-17 and light refreshments during poster sessions. Please follow the instructions on the webpage to complete the payment.

<https://indico.pku.edu.cn/event/42/page/127-fee-and-payment>

Type		Registration Fee(CNY/USD)
Early Registration	until Aug. 10	¥ 3240 / \$450
Regular Registration	after Aug. 10	¥ 3960 / \$550
Student		¥ 2160 / \$300
Accompanying Person		¥ 1440 / \$200

## HALO-40 will be held at Capital Hotel, Beijing

The Capital Hotel (首都宾馆) occupies a prime location on Beijing’s central axis. Steps away from Wangfujing and Qianmen commercial districts, it is surrounded by iconic landmarks including Tiananmen Square, the Forbidden City, and the National Museum of China — offering a unique blend of historical heritage and modern vitality. With subways and bus stops nearby, the hotel is easily accessible.

<https://indico.pku.edu.cn/event/42/page/129-venue>



## Transportation



Please visit the HALO-40 webpage for transportation guides:

<https://indico.pku.edu.cn/event/42/page/128-transportation>

### Beijing Capital International Airport

- Taxi: taking about 1 hour and costing around 100 CNY
- Subway (about 50 minutes):



### Beijing Daxing International Airport

- Taxi: taking about 1 hour and costing around 160 CNY
- Subway (about 1 hour):



### Beijing South Railway Station

- Taxi: taking about 30 minutes and costing around 40 CNY
- Subway (about 20 minutes):



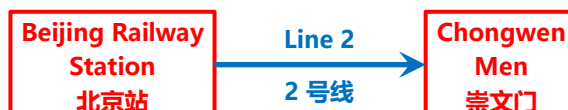
### Beijing West Railway Station

- Taxi: taking about 30 minutes and costing around 40 CNY
- Subway (about 30 minutes):



### Beijing Railway Station

- Taxi: taking about 15 minutes and costing around 25 CNY
- Subway (about 20 minutes):



## Accommodation



We recommend the Capital Hotel, which has a special rate and negotiated price for HALO-40 participants. Please refer to the HALO-40 webpage for details on accommodation options, locations, and room rates.

<https://indico.pku.edu.cn/event/42/page/125-accommodation>

## Nearby



The Forbidden City



Tian'anmen



Qianmen Street



National Theatre



The Temple of Heaven



National Museum of China

*Reminder: Visiting [Tiananmen Square](#) and the [Forbidden City](#) requires advance reservations through the official website; otherwise, entry will not be allowed.*

## Social events



- Welcome reception in the evening of Oct. 12. Finger food, snacks and light dishes will be provided.
- Dinner banquet accompanied by entertainment performance in the evening of Oct. 15.

## Awards



With the support of [Particles](#), the symposium will present awards for the best oral presentation to young scholars (PhD students and those within five years of PhD graduation). To apply for the awards, please indicate your intention when submitting the abstract or send us an email.

## Tips:

For a smoother experience during your time in China, we recommend setting up [WeChat Pay](#) or [Alipay](#). These mobile payment platforms are widely accepted and incredibly easy to use — just scan a QR code to pay, no need to carry large amounts of cash or fumble with cards. Simply download the relevant app to your phone, register an account, verify your identity with your passport, and add a credit card — and you'll be ready to go. You can use them at hotels, restaurants, shops, tourist attractions, and even on public transportation, saving you time and hassle so you can focus on enjoying the Symposium.

## Coordination Committee



**Chairs:** Jie Meng and Isao Tanihata

**Members:** Bing Guo, Bao-Hua Sun, and Shan-Gui Zhou

## International Advisory Committee



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## Local Organizing Committee



**Chairs:** Bing Guo and Bao-Hua Sun

**Secretary:** Ying-Xun Zhang

**Members:** Ying Li, Yang-Ping Shen, Lei Yang, Jian-Wei Zhao,  
Peng-Wei Zhao, and Yun Zheng

## Contact



Please contact us through the email address: [halo40@pku.edu.cn](mailto:halo40@pku.edu.cn)

## Supports



中国高等科学技术中心  
China Center of Advanced Science and Technology



国家自然科学基金委员会  
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ANPhA  
Asian Nuclear Physics Association



CNS

中国物理学会/中国核学会核物理分会  
Nuclear Physics Division of the Chinese Physical Society and the Chinese Nuclear Society



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