中國科學院高能物理研究所

Institute of High Energy Physics, Chinese Academy of Sciences

Higgs 2023

Higgs2023 Handbook

November 27 – December 2, 2023,

Beijing•China

Contents

I. Introduction and Committees

Welcome to Higgs 2023 conference that will take place in Beijing.

The conference will focus on new experimental and theoretical results on the Higgs boson.

Latest measurements of the Higgs boson properties and recent theoretical developments in the Higgs boson sector, in the Standard Model, and in physics Beyond the Standard Model will be presented and discussed at the Conference.

The program is available at https://indico.ihep.ac.cn/event/18025/.

International Committee

Ilaria Brivio (U. of Bologna & INFN Bologna)	Viviana Cavaliere (BNL)
Nathaniel Craig (UC Santa Barbara)	Marco Delmastro (CNRS/IN2P3 LAPP Annecy)
Stefania Gori (UC Santa Cruz)	Gudrun Heinrich (KIT)
Jonas Lindert (U. of Sussex)	Bernhard Mistlberger (SLAC)
Giovanni Petrucciani (CERN)	Giacinto Piacquadio (Stony Brook U.)
Andrea Rizzi (Pisa U. & INFN Pisa)	Aidan Robson (U. of Glasgow)
Mika Vesterinen (U. of Warwick)	Meng Xiao (Zhejiang U.)

Program Committee

Nathaniel Craig (UC Santa Barbara)	Yaquan Fang (IHEP)
Jonas Lindert (University of Sussex)	Tatsuya Masubuchi (U. of Tokyo)
Giovanni Petrucciani (CERN)	Aidan Robson (University of Glasgow)
Carlos Vazquez Sierra (U. Santiago de Compostela)	Roger Wolf (KIT)
Hao Zhang (IHEP)	

Local Organizing Committee

Qinghong Cao (PKU)	Mingshui Chen (IHEP, co-chair)
Xin Chen (THU)	Tongguang Cheng (BUAA)

Joao Guimaraes da Costa (IHEP)	Yaquan Fang (IHEP, co-chair)
Zhen Hu (THU)	Yanping Huang (IHEP)
Qiang Li (PKU)	Zhao Li (IHEP)
Zhijun Liang (IHEP)	Hongbo Liao (IHEP)
Yandong Liu (BNU)	Hideki Okawa (IHEP)
Manqi Ruan (IHEP, co-chair)	Jing Shu (PKU)
Xiaohu Sun (PKU)	Jin Wang (IHEP)
Jianghao Yu (ITP)	Li Yuan (BUAA)
Hao Zhang (IHEP)	Huaqiao Zhang (IHEP)
Chen Zhou (PKU)	
Secretary team	
Hongjuan Xu (IHEP)	Jing Zhou (IHEP)
Zhaoru Zhang (IHEP)	Xiaoli Dong (IHEP)
Ran Lou (IHEP)	

Please feel free to contact the local organizing team at higgs2023@ihep.ac.cn if you have any concerns regarding the conference or need assistance.

II. General Information of Higgs 2023

1. Venue for the Conference

In IHEP campus

	Plenary Sessions	Parallel Sessions	Coffee Break
Meeting room	A214(2nd floor)	C305 (3rd floor) +A214	Lobby (2nd floor)
Building	Main Building	Main Building	Main Building

2. On-site Registration

1) Date and Location

Nov. 26, 14:00-18:00 & Nov. 27, 9:00-12:00 at the lobby of 2nd floor, Main Building

2) Registration Fee

Participant	Early Registration	Late Registration
Staff/Postdoc	2500CNY/360USD	2800CNY/400USD
Student	1800CNY/260USD	2000CNY/300USD

Early registration payment: July 1 to Oct. 7
Late registration payment: After Oct. 7

On-site payment with credit card, WeChat, Alipay, cash in CNY are all acceptable.

No registration fee for remote participants.

3. Notice for Speakers

Please upload your slides to INDICO one day prior to the session (contact higgs2023@ihep.ac.cn in case of account issues). If you attend remotely, please join your sessions 15mins in advance so that audio/video/sharing could be verified.

4. Social Event

1) Welcome Drink

November 27, 18:00-20:00

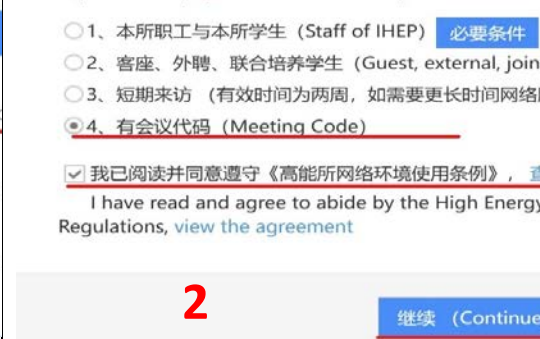1st Floor lobby, Multidisciplinary Building, IHEP（多学科大楼一层大厅）

2) Banquet

November 30, 18:00-21:00, Quan Ju De Restaurant, No. 44, Fuxing Road（全聚德：复兴路 44 号）

3) Visit to HEPS: December 2, Huairou District

4) Visit to The Great Wall: December 2, Yanqing District (420CNY/person, fees should be paid on the day of on-site registration)

5. Wi-Fi Instructions

Go to "wireless settings" on your device & connect to "IHEP", then the network registration page will show up, please fill in the below information and then you can have access to IHEP Wi-Fi. (Please input network.ihep.ac.cn in your browser if the page does not show up). The below QR code also works for Wi-Fi application. The meeting code is "Higgs2023". For foreign participants, "eduroam" may also work.

6. Transportation

1) From airport to the hotel

Two major international airports: Beijing Capital International Airport (PEK) and Beijing Daxing International Airport (PKX).

Holiday Inn Hotel (长峰假日酒店)

NO.66, Yongding Road, Haidian District - 海淀区永定路 66 号 (2km from IHEP)

By subway	
From PEK (1h 25mins, 30RMB)	**From PKX (1h 15mins, 40RMB)**
Step1: Take the Beijing Subway Airport Express (首都机场线) from Airport Terminals 2 or 3 to Dongzhimen Station (东直门地铁站). Step 2: Transfer to Subway Line 2 in Dongsi Shitiao direction (东四十条方向) for 3 stops to Jianguomen Station (建国门地铁站). Step 3: Transfer to Subway Line 1 in Gucheng direction (古城方向) for 12 stops to Wukesong Station (五棵松站) (Exit A) Step 4: 990m walk to the hotel	Step1: Take the Subway Daxing Airport Express (大兴机场线) for 2 stops to Caoqiao Station (草桥地铁站). Step 2: Transfer to Subway Line 10 in Jijiamiao direction (纪家庙方向) for 8 stops to Gongzhufen Station (公主坟地铁站). Step 3: Transfer to Subway Line 1 in Gucheng direction (古城方向) for 2 stops to Wukesong Station (五棵松站) (Exit A) Step 4: 990m walk to the hotel
By taxi	
50km, ~170RMB	60km, ~170RMB

Mercure Wanshang Beijing Hotel (北京万商花园美居酒店)

NO.1, Yinhe Street, Shijingshan District - 石景山区银河大街 1 号 (**3.6km** from IHEP)

By subway	
From PEK (1h 33mins, 31RMB)	**From PKX (1h 22mins, 40RMB)**
Step1: Take the Beijing Subway Airport Express (首都机场线) from Airport Terminals 2 or 3 to Dongzhimen Station (东直门地铁站). Step 2: Transfer to Subway Line 2 in Dongsi Shitiao direction (东四十条方向) for 3 stops to Jianguomen Station (建国门地铁站). Step 3: Transfer to Subway Line 1 in Gucheng direction (古城方向) to Bajiao Amusement Park Station (八角游乐园站) (Exit A) Step 4: 938m walk to the hotel	Step1: Take the Subway Daxing Airport Express (大兴机场线) for 2 stops to Caoqiao Station (草桥地铁站). Step 2: Transfer to Subway Line 10 in Jijiamiao direction (纪家庙地铁站) for 8 stops to Gongzhufen Station (公主坟地铁站). Step 3: Transfer to Subway Line 1 in Gucheng direction (古城方向) for 5 stops to Bajiao Amusement Park Station (八角游乐园站) (Exit A) Step 4: 938m walk to the hotel
By taxi	
50km, 170RMB	60km, ~180RMB

Gao Neng Xing Yuan Hotel (高能星源酒店)

No.8, Yuquan West Street, Shijingshan District - 石景山区玉泉西街 8 号 A 座 (**870m** from IHEP)

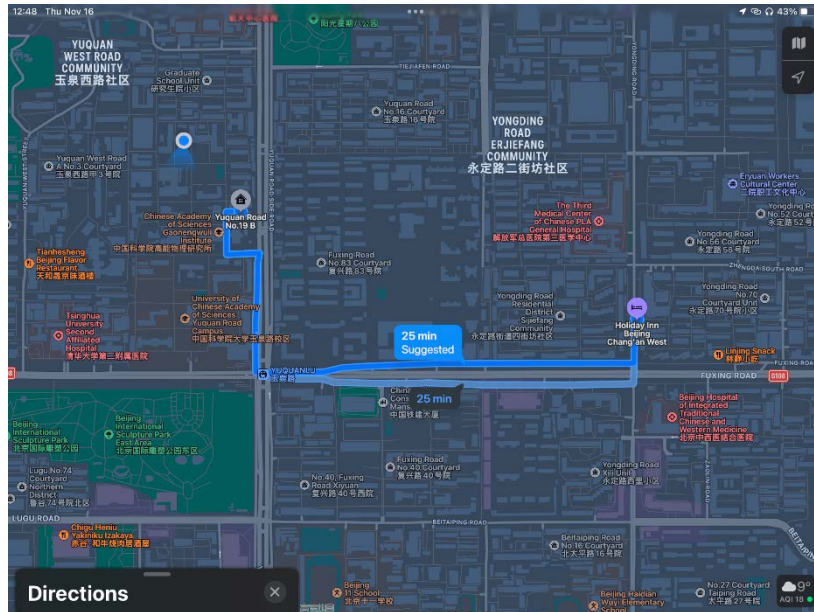| By subway	
From PEK (1h 28mins, 30RMB)	**From PKX (1h 17mins, 40RMB)**
Step1: Take the Beijing Subway Airport Express (首都机场线) from Airport Terminals 2 or 3 to Dongzhimen Station (东直门地铁站). Step 2: Transfer to Subway Line 2 in Dongsi Shitiao direction (东四十条方向) for 3 stops to Jianguomen Station (建国门地铁站). Step 3: Transfer to Subway Line 1 in Gucheng direction (古城方向) for 13 stops to Yuquanlu Station (玉泉路站) (Exit A1) Step 4: 994m walk to the hotel	Step1: Take the Subway Daxing Airport Express (大兴机场线) for 2 stops to Caoqiao Station (草桥地铁站). Step 2: Transfer to Subway Line 10 in Jijiamiao direction (纪家庙方向) for 8 stops to Gongzhufen Station (公主坟地铁站). Step 3: Transfer to Subway Line 1 in Gucheng direction (古城方向) for 3 stops to Yuquanlu Station (玉泉路站) (Exit A1) Step 4: 994m walk to the hotel
By taxi	
45km, ~150RMB	61km, ~190RMB

IHEP Guest House (高能所专家招待所)

19B Yuquan Road, Shijingshan District - 石景山区玉泉路 19 号院 (in IHEP campus)

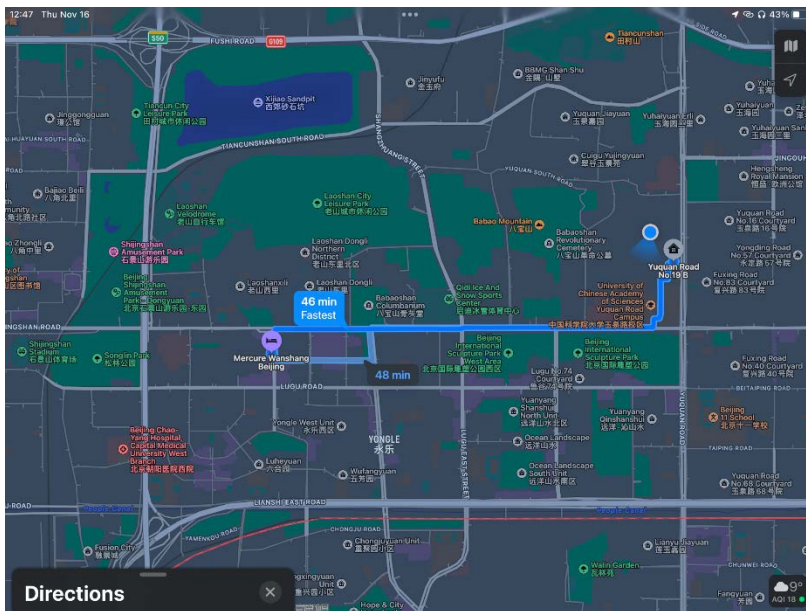| By subway	
From PEK (1h 30mins, 30RMB)	**From PKX (1h 14mins, 40RMB)**
Step1: Take the Beijing Subway Airport Express (首都机场线) from Airport Terminals 2 or 3 to Dongzhimen Station (东直门地铁站). Step 2: Transfer to Subway Line 2 in Dongsi Shitiao direction (东四十条方向) for 3 stops to Jianguomen Station (建国门地铁站). Step 3: Transfer to Subway Line 1 in Gucheng direction (古城方向) for 13 stops to Yuquanlu Station (玉泉路站) (Exit A1) Step 4: 748m walk to the hotel	Step1: Take the Subway Daxing Airport Express (大兴机场线) for 2 stops to Caoqiao Station (草桥地铁站). Step 2: Transfer to Subway Line 10 in Jijiamiao direction (纪家庙方向) for 8 stops to Gongzhufen Station (公主坟地铁站). Step 3: Transfer to Subway Line 1 in Gucheng direction (古城方向) for 3 stops to Yuquanlu Station (玉泉路站) (Exit A1) Step 4: 994m walk to the hotel
By taxi	
45km, ~150RMB	62km, ~200RMB

Holiday Inn Hotel (长峰假日酒店)

On foot: 25mins

Taxi: 6mins, ~13RMB

Mercure Wanshang Beijing Hotel (北京万商花园美居酒店)

Subway: Walk 753m West to Bajiao Amusement Park Station (Gate B). Then take Subway Line 1 in direction Universal Resort(环球度假区方向) to Yuquanlu Station (玉泉路)(Exit A1). Walk 919m North to IHEP. (25mins)
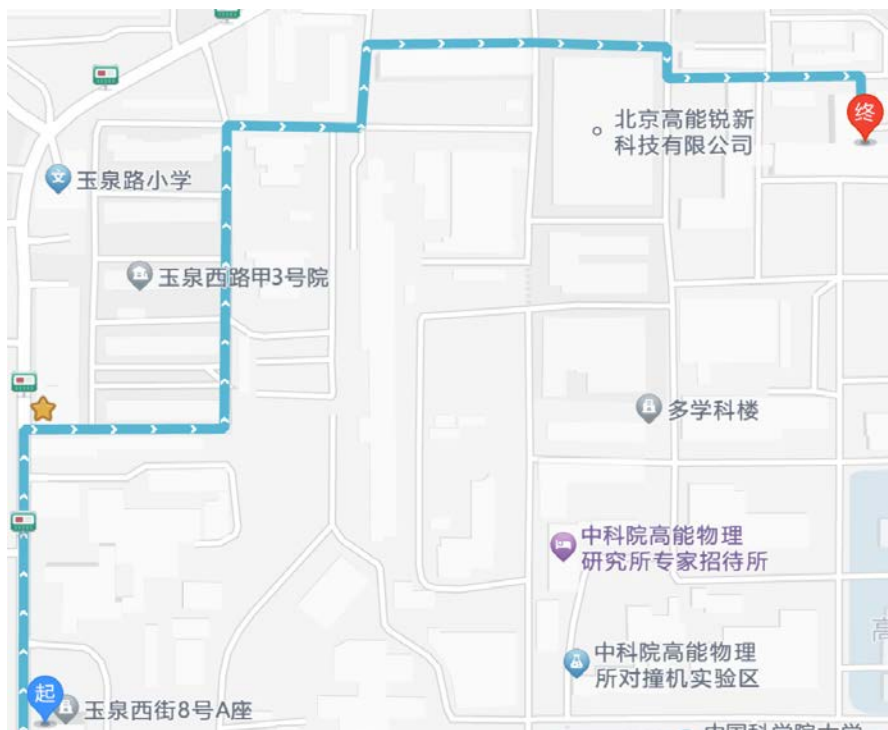
Taxi: 10mins, ~17RMB

Gao Neng Xing Yuan Hotel (高能星源酒店)
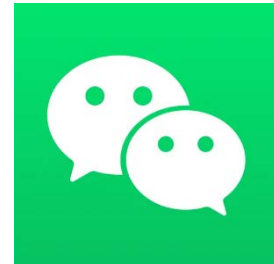
1) 18-minute walk

2) 12-minute walk

IHEP Guest House (高能所专家招待所)

In IHEP campus

III.　　Tips for foreign participants

1. Currency: The official currency in China is the Chinese Yuan (CNY). It is advisable to carry some cash for small purchases, as credit cards may not be accepted everywhere. You can also download and register WeChat app for paying(WeChat - Free messaging and calling app), it is quite convenient in China, during your registration, you may need someone from China to help scan the code so as to finish the registration, please feel free to contact us at higgs2023@ihep.ac.cn.

2. Utilities: Standard voltage in China is 220V. If your electronic devices are designed for a different voltage, it is crucial to carry a voltage converter or transformer to ensure compatibility. Chinese power outlets generally accept two types of plugs: Type A (two flat pins) and Type I (three flat pins in a

triangular pattern). It is advisable to bring an adapter to ensure your devices can be easily plugged into Chinese power outlets.

3. Subway and Taxi

When purchasing tickets at subway stations, look for the ticket vending machines, which are usually available in multiple languages, including English. Simply follow the on-screen instructions to select your destination and the number of tickets needed. Payment can be made with cash or by using a transportation card. Once you have your ticket, proceed to the designated entry gates and insert the ticket to access the platform. You can ask help from the work staff there if needed.

To hail a legitimate taxi in Beijing, look for the official yellow taxis with a clear company logo and a lit "Taxi" sign on the roof. It's advisable to avoid unlicensed or unmarked vehicles. Once inside the taxi, ensure that the driver starts the meter and that it is visible to you. Be prepared to provide the driver with your destination in Chinese characters if possible, and always ask for a receipt at the end of your journey providing your institute will reimburse.

Remember to stay alert and use official transportation services to ensure a safe and reliable travel experience in Beijing.

IV.   Weather reminder for all

A brief weather forecast to help you plan ahead and stay warm.

V. Maps

IHEP map

https://ihepbox.ihep.ac.cn/ihepbox/index.php/s/yFctU9mVhqwXmNR

Beijing subway map:

https://ihepbox.ihep.ac.cn/ihepbox/index.php/s/UMUwAkgP7vUYco6

Hotels map:

https://guides.apple.com/?ug=CgExEg0Il8QDEMLzn%2BzRgf4BEg0Il8QDEPip97LYqv4BEg0Il8QDEIbByerRgf4BEg0Il8QDEJmzy%2BrRgf4B