

# Proposal of HP2030 in Qingdao, China





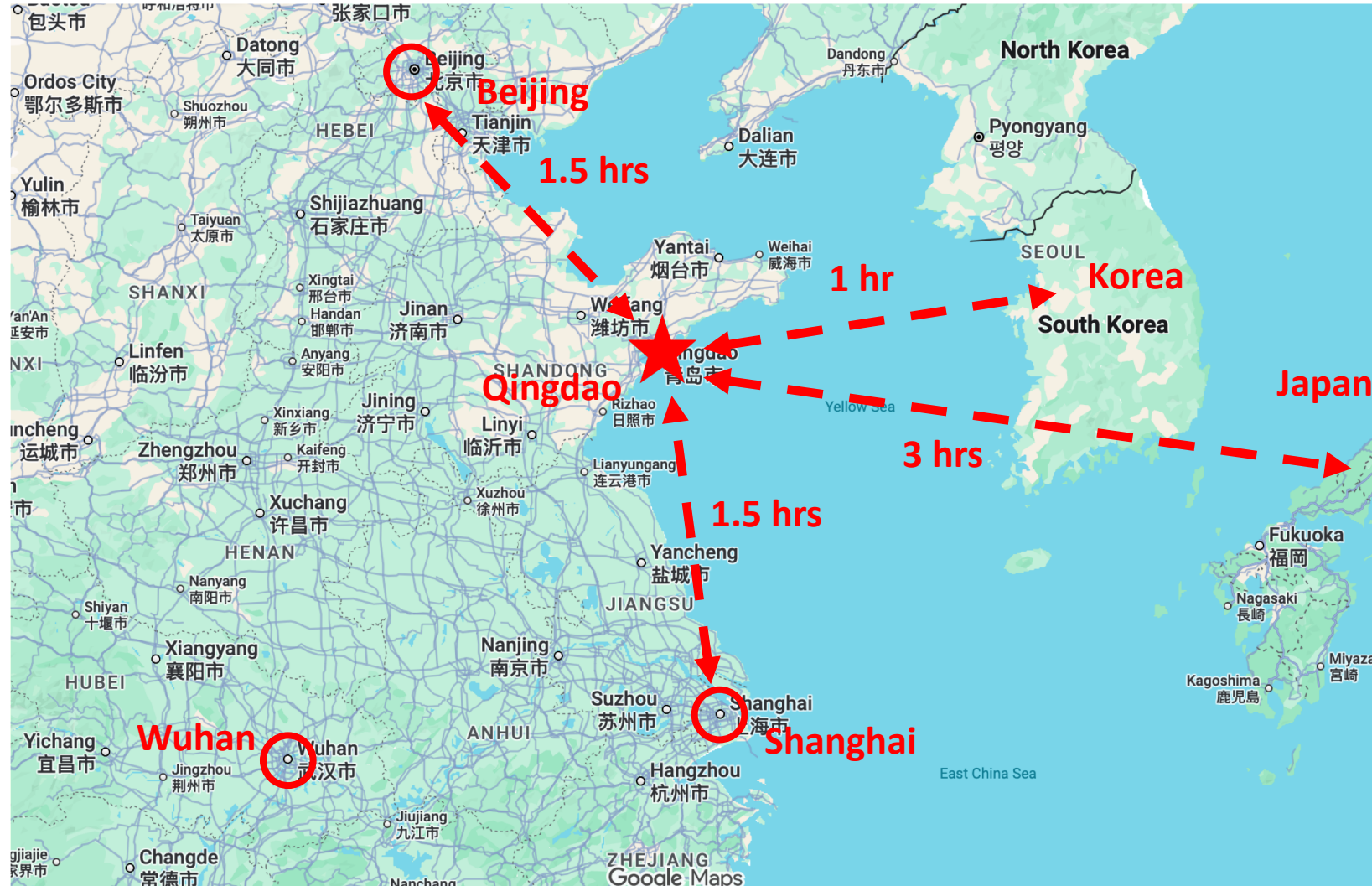
# Location

- Visa free to 50 countries, the number is still increasing
- Easy to get a visa in case you need one





# Convenient transportation



## Direct Int'l Flights

Korea (1 hr)

Japan (2-3 hrs)

Other Asian Countries

UK (London)

## Domestic Transport

Beijing

1.5 hrs flight

4 hrs train

Shanghai

1.5 hrs flight

5 hrs train

Hong Kong

3 hrs flight



# Pleasant whether in June

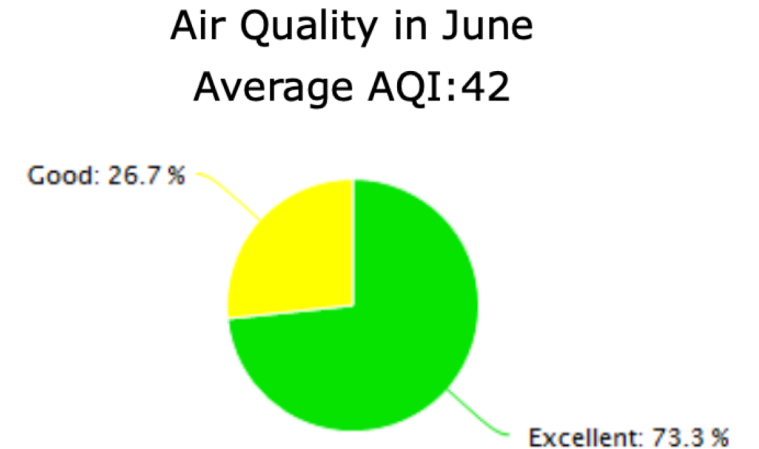
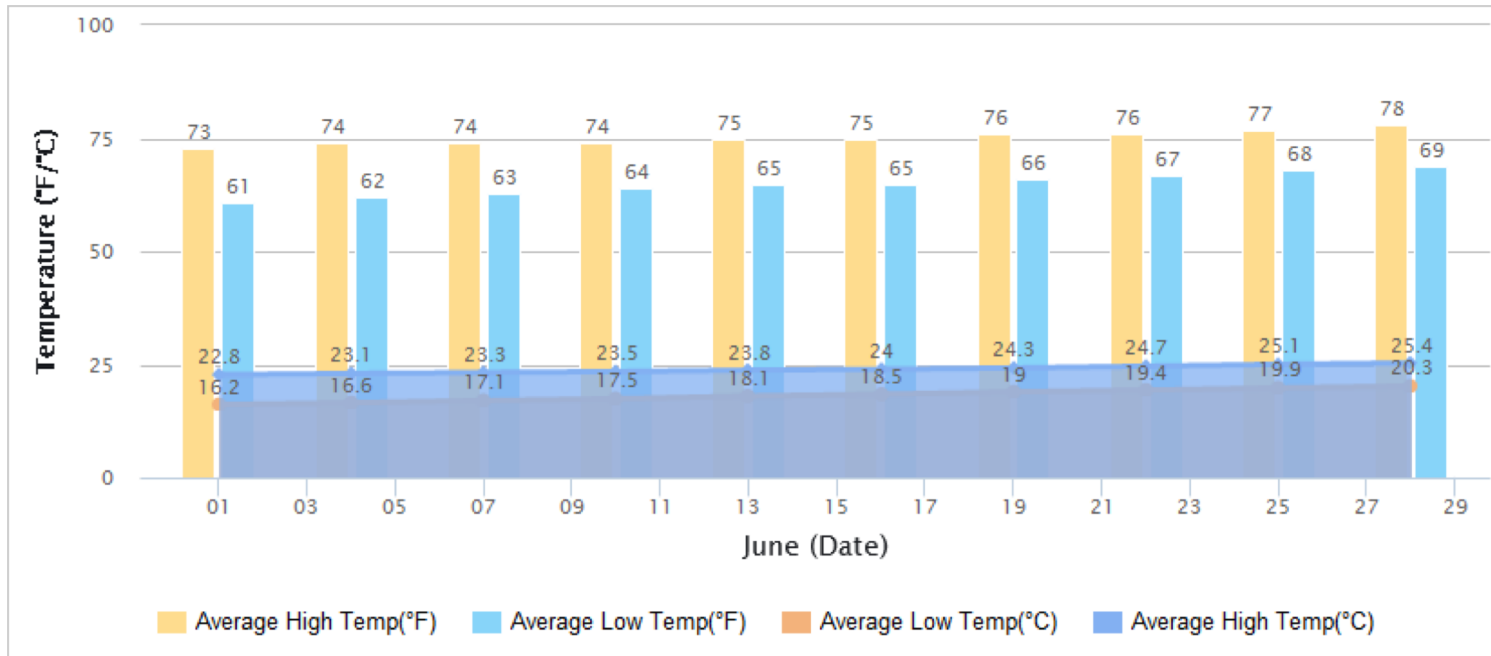
Average temperature: 64-77°F (18-25°C)

High temperature: 75-81°F (24-27°C)

Low temperature: 62-68°F (17-20°C)

Average humidity: 75-85%

Air Quality: Good-Excellent



Reference: <https://www.travelchinaguide.com/cityguides/qingdao-weather-june.htm>



# Local organizing committee

Shanshan Cao (SDU) [Chair]

Zhenyu Chen (SDU)

Weiyao Ke (CCNU)

Yaxian Mao (CCNU)

Maowu Nie (SDU)

Guang-You Qin (CCNU)

Xin-Nian Wang (CCNU)

Shu-Yi Wei (SDU)

Li Yi (SDU)

Hongxi Xing (SCNU)

Chi Yang (SDU)

Qian Yang (SDU)

\* SDU: Shandong University

CCNU: Central China Normal University

SCNU: South China Normal University

# Large heavy-ion community in China

**ALICE:** 5 institutes, 15 faculty members

**ATLAS:** 1 institute, 1 faculty member

**CMS:** 3 institutes, 6 faculty members

**LHCb:** 13 institutes, 59 faculty members

**sPHENIX:** 4 institutes, 12 faculty members

**STAR:** 16 institutes, 81 faculty members

**Theory:**

more than 30 institutes

more than 70 faculty members

**Regular domestic conferences in this field**



**QPT 2025 – 376 participants**  
(Chinese Quark Matter)



**JAQ 2026 – 140 participants**  
(Chinese Hard Probes)



# Strong local support in Qingdao

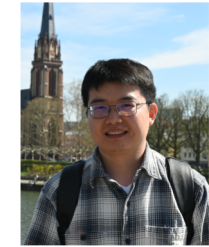
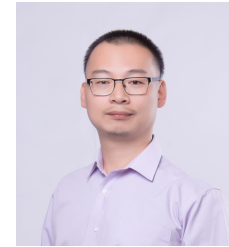
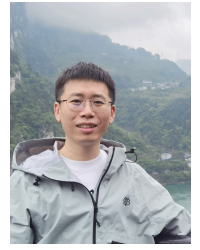
Strong high-energy nuclear physics group at Shandong University (Qingdao Campus)

## Theorists:

Jet and heavy quark: Shanshan Cao, Shu-Yi Wei

Spin: Zuo-Tang Liang, Jian Deng

UPC: Jian Zhou, Ya-Jin Zhou

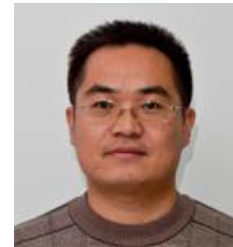


## Experimentalists:

Jet and heavy quark: Zhenyu Chen, Maowu Nie, Qian Yang, Li Yi

Electromagnetic probe: Chi Yang

Spin: Qinghua Xu, Ting Lin, Jinlong Zhang



# Many experiences in hosting conferences in Qingdao

## Domestic



14<sup>th</sup> National Particle Physics Conference, 2024, 969 participants

## International



Small System 2024, 90 participants



SPIN 2025, 279 participants



# My personal experiences

Shanshan Cao

2009-2014, PhD, Duke Univ.

2014-2020, Postdoc, LBNL and Wayne State Univ.

Since 2020, Professor, Shandong Univ.

**Service work:** convener of PHYS and STAT working groups of JETSCAPE



ECT\* Jet Workshop  
2022, **organizer**, 35 in  
person + 74 remote  
participants



Domestic QCD Summer School  
2023, **chair**, 150 participants



Domestic JAQ 2026,  
**chair**, 140 participants



C3NT (Central China Center for  
Nuclear Theory) Jet Workshop,  
2026, **co-chair**, 50 participants

# Hard Probes 2030

Expected size: 400 participants

- 250 from international institutes, 150 from domestic institutes
- 200 senior scientists, 200 students + postdocs

## Agenda:

|           | Sunday           | Monday    | Tuesday        | Wednesday | Thursday | Friday  |
|-----------|------------------|-----------|----------------|-----------|----------|---------|
| Morning   | Student lectures | Plenary   | Parallel       | Parallel  | Plenary  | Plenary |
| Afternoon | Student lectures | Plenary   | Parallel       | Excursion | Plenary  |         |
| Evening   |                  | Reception | Poster session |           | Banquet  |         |



# Conference venue

## Haitian Financial Center Hotel

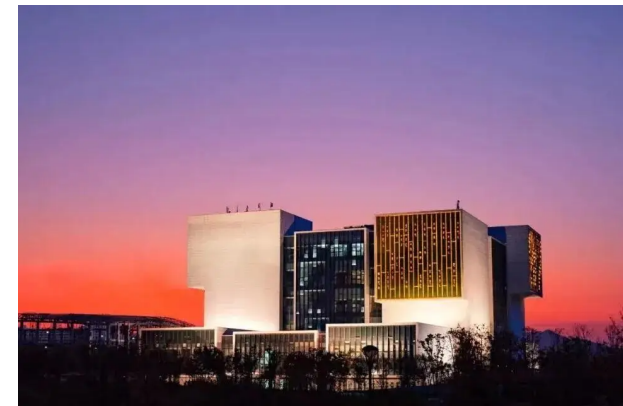


- About 1.2 miles (2 kilometers) to beach (one of the best beaches in Qingdao)
- Walk by a shopping center, the Qingdao Museum, the International Beer Festival Venue, and the Qingdao Grand Theater within the 1.2 miles



# Student day

On the campus of Shandong University





# Excursions and sightseeing

## Mount Lao National Park



Taoist temple



- The highest costal mountain in China
- The most famous Taoist Mountain

## City/Cruise tour



- A mixture of European-style downtown, Chinese city, and ocean

# Excursions and sightseeing

## World War I Heritage Museum



- An overview of the impact of WWI on China's history

## Qingdao (Tsingtao) Beer Museum



- China's first brewing factory (built by Germans)
- Beer tasting, **beer-flavor ice cream**



# Foods

## Qingdao specials



Seafood and seafood dumpling



Tsingtao beer – unlimited supply at banquet!

## Other good choices



German food



Korean barbecue

# Funding and fees

## Funding:

- National Natural Science Foundation of China
- Department of Science and Technology of Shandong Province
- Shandong University, Central China Normal University, ...

## Registration fees: (regular 500 USD, early bird 450 USD, student 250 USD)

- Lunch, reception, and banquet included; transportation provided for excursions, participants pay extra park/cruise/museum tickets
- **Financial Support – Reduced registration fee for all students and early-career postdocs + free hotel rooms for about 100 young participants**

## Accommodations:

- Nice room at and around the conference hotel – starting from **60 USD / night**



# Budget estimation

\* Unit: 1000 RMB (Chinese Yuan)

|                         |                 |            |
|-------------------------|-----------------|------------|
| <b>Conference Rooms</b> |                 | <b>243</b> |
| Plenary Room            | 1 Rm * 2.5 days | 75         |
| Parallel Room           | 4 Rm * 1.5 days | 48         |
| LED Facilities          |                 | 120        |
| <b>Meals</b>            |                 | <b>712</b> |
| Student Day Meals       | lunch + dinner  | 25         |
| Monday Reception        |                 | 120        |
| Tuesday Poster Snacks   |                 | 40         |
| Thursday Banquet        |                 | 120        |
| Conference Lunch        | 5 days          | 300        |
| Coffee Breaks           | 9 sets          | 90         |
| Drinks                  |                 | 17         |

|                          |                          |            |
|--------------------------|--------------------------|------------|
| <b>Miscellaneous</b>     |                          | <b>240</b> |
| Shuttle Services         | Student Day + Excursions | 20         |
| Hotels (Student Support) | 50 double Rm's * 7 days  | 140        |
| Conference Materials     |                          | 40         |
| Labors                   |                          | 20         |
| Contingency              |                          | 20         |

**Total Expense: 1195**

|                          |                               |     |
|--------------------------|-------------------------------|-----|
| Regular Registration Fee | 450 USD * 100 + 500 USD * 100 | 646 |
| Student Discount Fee     | 250 USD * 200                 | 340 |
| Shandong University      |                               | 110 |
| Other Chinese Institutes |                               | 100 |

**Total Income: 1196**

- Extra international sponsorship will be used for additional young participant support.
- Extra domestic sponsorship will be used to further upgrade the conference services.

# Diversity, code of conduct and communication



- Seek and listen to diverse voices
- Ensure diversity in selecting IAC members and invited speakers
- Guarantee fair treatment to all participants

- The code of conduct for HP 2030 follows the core principles of the international code of conduct for scientific meetings
- Support from SDU communication office and local journalists, close contact with RHIC and LHC social media (Twitter, Facebook, YouTube ...)

山東大學報





Looking forward to seeing you in Qingdao

