

# Bid to host The 29<sup>th</sup> IUCr Congress & General Assembly in 2032 @ Shanghai, China



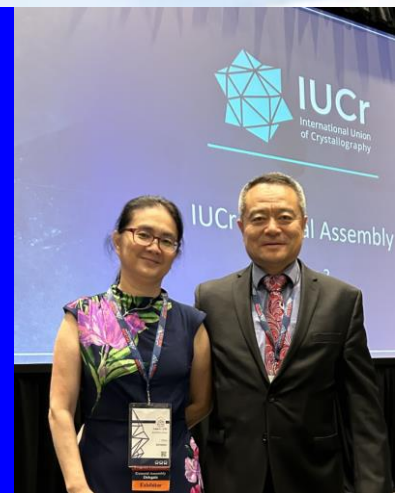
中国晶体学会  
Chinese Crystallographic Society

## Chinese Crystallographic Society (CCrS)

Presented by

**Prof. Lisa Luhong-Wang Liu (SHARPS, Shanghai, China)**

**Prof. Arthur Haozhe Liu (HPSTAR, Beijing, China)**





# 中国晶体学会

Chinese Crystallographic Society

- **Chinese Crystallographic Society (CCrS) was initiated by Prof. Youqi Tang (唐有祺, 1920–2022) at Peking University and formally established in 1993.**
- **Since its founding, CCrS has served as the adhering body of IUCr.**
- **In August 1993, CCrS hosted the 16<sup>th</sup> IUCr Congress and General Assembly in Beijing.**

# The 16<sup>th</sup> IUCr Congress and General Assembly in Beijing, CHINA in Aug. 1993



Over 1,110 participants, significantly boosted the research on structure sciences in local community, by embracing the international crystallography community.<sup>3</sup>

# The 16<sup>th</sup> IUCr Congress and General Assembly in Beijing, CHINA in Aug. 1993

## 中国的晶体学和晶体学界

唐 有 祺

(北京大学物理化学研究所, 北京 100871)

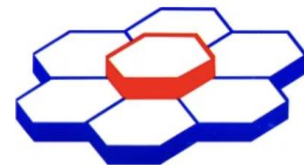
**编者按:** 国际晶体学联合会 (IUCr) 第 16 届大会于 1993 年 8 月 21 日至 29 日在北京召开。本文是作者应邀在 8 月 21 日下午举行的开幕式上作的报告, 报告介绍了中国晶体学和晶体学界的沿革和发展, 回顾了我国晶体学同人进入国际晶体学界的过程, 并进一步分析和总结了我国晶体学的三个发展阶段。现全文刊登如下。

允许我向你们表达我的热烈欢迎, 特别是向那些不远万里越过大洋或大洲而来的先生们和女士们。D. 霍奇金 (Hodgkin) 能来参加这个大会, 特别值得敬佩。她的驾临诚然使大会大为增色, 而对她说来也确实不易, 这需要有过人的勇气以及对中国晶体学界以至国际晶体学联合会 (International Union of Crystallography, 简称 IUCr) 所代表的整个晶体学界, 怀有不同寻常的深切感情。IUCr 的第 16 届大会现在即将在北京举行。这件令人高兴的事情之所以能实现, 应当归功于中国在 1978 年制订的开放政策和国际晶体学界的大力支持。

关于进入国际晶体学界  
这个大家庭的回忆

AUGUST 21-AUGUST 29, 1993  
BEIJING INTERNATIONAL CONVENTION CENTRE  
BEIJING, CHINA

- Sixteenth International Congress of Crystallography, 21-29 August 1993, Beijing, China *Acta Cryst.* (1995). A51, 596-648



Delegates at the 1993 Congress.

# Status of structure science in China

## China Surpasses US in Research Spending



THE OHIO STATE UNIVERSITY

Undergraduate  
Programs

Graduate  
Programs

Washington  
Programs

Student  
Experience

Career  
Services

## China's Systematic and Unrelenting Rise

China's R&D spending milestone caps a series of achievements that have arrived in rapid succession.

In 2019, China surpassed the U.S. in its **share of the top 1% most-highly cited papers** – what some call the Nobel class of research. By 2022, it had **taken first place globally in most-cited papers** overall.

In 2024, China overtook the United States in **total scientific publications** – the first time any nation has displaced American dominance since the U.S. itself surpassed the United Kingdom in 1948. Researchers found that **China overtook the United States** in scientific output even earlier. That same year, China **pulled ahead in the Nature Index**, which tracks publications in the world's most selective scientific journals, posting a 17% advantage over the U.S. in outlets long considered the gold standard of scientific excellence.

In 2024, Chinese entities also filed roughly **1.8 million patent applications**, compared to the U.S.'s 603,191 applications.<sup>5</sup>

## China rises to first place in most cited papers



# Status of structure science in China

## Data trends

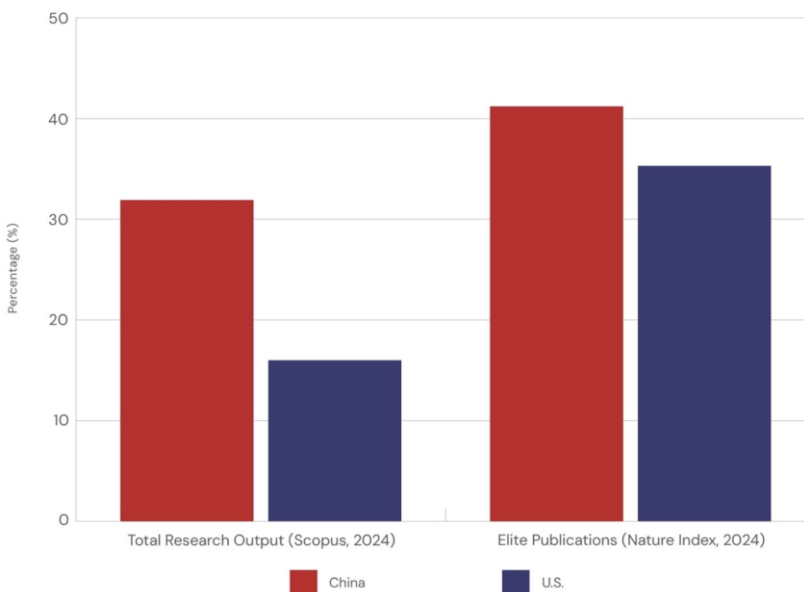
## China's universities outpace US peers amid tech competition

China produces more Stem PhD graduates than the US and more research in a number of fields

Alex Irwin-Hunt

April 30 2025

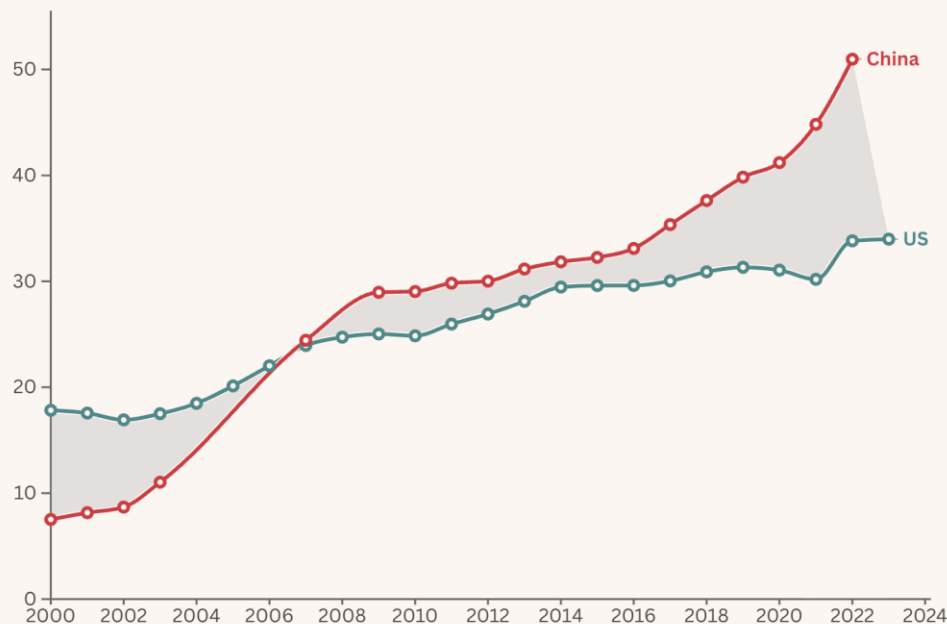
U.S. and Chinese Publication Output, 2024



Sources: Scopus and Nature Index

## Graph Time 🧑🎓 | China's STEM PhD graduates outstrip the US's

Number of science, technology, engineering and maths PhD graduates, thousands



Source: [US National Center for Science and Engineering Statistics](#), [China's Ministry of Education](#) • US data is for STEM research-oriented degrees in agricultural sciences and natural resources, biological sciences, computer and information sciences, engineering, geosciences, mathematics and physical sciences. China data is in broader STEM fields: science, engineering and agriculture. Medical sciences are excluded from both countries.

fDi Intelligence

# Today, China has the biggest community of crystallography in the world!

# Status of structure science in China

- Chinese Crystallographic Society (CCrS) has registered members over 3,670;
- Typical annual meeting: 800 ~ 1,000 participants;
- IUCr style 15 microsymbiosia;
- ~15 % presentations in English.

学校成功承办中国晶体学会第10届学术年会暨第八次全国会员代表大会

发布日期: 2025-10-22 供稿: 编辑: 曾强 浏览: 294



中国科学院院士、中山大学陈小明教授致辞



# CCrS officially expressed intension to host future IUCr Congress in previous 3 Congresses

- Hyderabad, India (2017) by then-President of CCrS, Prof. Xiaodong Su;
- Prague, Czech Republic (2021) by Prof. Arthur Haozhe Liu;
- Melbourne, Australia (2023), by Prof. Arthur Haozhe Liu.



Hyderabad, 2017



Prague, 2021



Melbourne, 2023

# Why changed the host city to Shanghai (上海)?

- Megacity with a population near 25 million, is home to 71 universities and more than 1,000 research institutions and R&D centers.
- Chinese Academy of Sciences (CAS) system alone, 19 institutions are based in Shanghai.



Shanghai Synchrotron Radiation Facility (SSRF)



Soft X-ray Free Electron Laser Facility (SXFEL)

# Shanghai Hard X-ray FEL

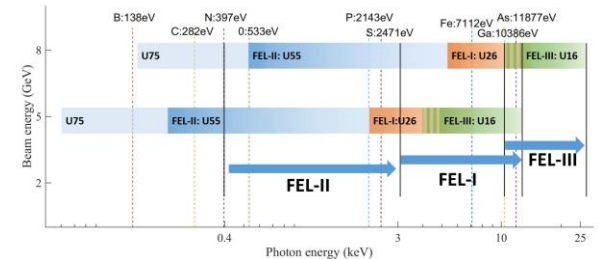
Shanghai **H**igh repetitio**N** rate XFEL and **E**xtrême light facility (**SHINE**)

**SHINE is under construction and will finish in 2027.**

## SHINE Cryoplants



## Photon Energy Coverage of SHINE



## 10 End-Stations @ SHINE facility

- **FEL-I Hard X-ray End-stations**
  - HSS: Hard X-ray Scattering and Spectroscopy
  - CDS: Coherent Diffraction Endstation for Single Molecules and Particles
  - SEL: Station of Extreme Light
- ◆ **XFEL + 100 PW Laser System**
- **FEL-II Soft X-ray End-stations**
  - AMO: Atomic, Molecular, and Optical Science
  - SES: Spectrometer for Electronic Structure
  - SSS: Soft X-ray Scattering and Spectroscopy
- **FEL-III Hard X-ray End-stations**
  - HXS: Hard X-ray Spectroscopy
  - SFX: Serial Femtosecond Crystallography
  - CDE: Coherent Diffraction Imaging
  - HED: High Energy Density Science

**Multiple large user X-ray facilities in town.**

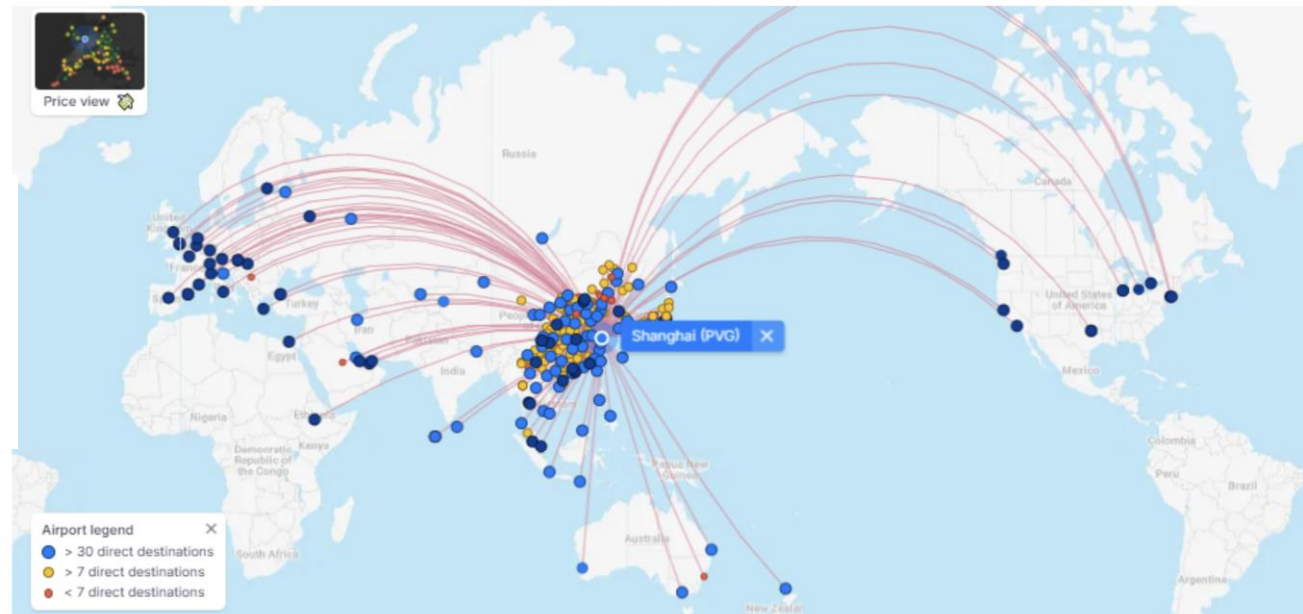
**Shanghai & neaby area have  
roughly 1/4 structure scientists in China.**

# Host city: Shanghai (上海)

## International travel convenience

### World top 10 airports Shanghai Pudong International Airport

- Number of Destinations: 225
- Annual Passengers: 54,476,397
- Daily Flights: 726
- Number of Airlines: 83



**Total 2 international airports in town:**  
**Pudong PVG airport and Hongqiao SHE airport.**

Direct flights to many overseas cities.  
Hongqiao SHE airport connects to the high speed train hub.

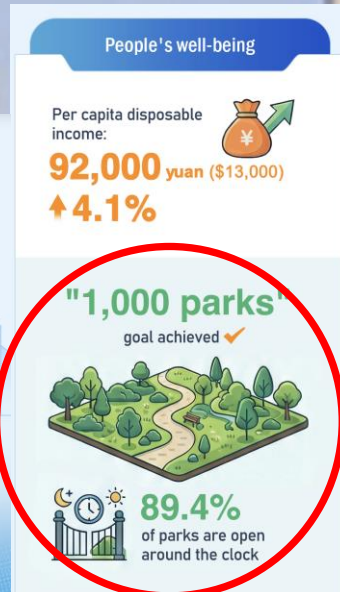
# Host city: Shanghai (上海)

International Services **Shanghai**

**SHANGHAI IN NUMBERS:**

**2025 ACHIEVEMENTS & 2026 PRIORITIES**

Shanghai Mayor Gong Zheng delivered the government work report on Feb 3 at the 4th Session of the 16th Shanghai Municipal People's Congress. Here are some key highlights from the report.



**Economic strong  
Super safe and friendly**

# Local Organizing Committee

**Xiaoming Chen (Sun Yat-sen University; President of CCrS), Song Gao (Peking University; Former President of CCrS), Maochun Hong (Fujian Institute of Research on the Structure of Matter, CAS; Former President of CCrS), Rengen Xiong (Southeast University), Xiaolong Chen (Institute of Physics, CAS), Dave Ho-kwang Mao (SHARPS), Zhengtang Zhao & Renzhong Tai (Shanghai Synchrotron Radiation Facility), Hong Ding (Shanghai Jiaotong University), Wenge Yang (HPSTAR), Yanming Ma (Zhejiang University), Donglai Feng (ShanghaiTech University), and Tongyi Zhang (Shanghai University).**

**Bidding lead by CCrS:**

**Prof. Xiaoming Chen (陈小明), President**

**Prof. Bingwu Wang (王炳武), Secretary-General, Vice-President**

**Prof. Arthur Haozhe Liu (刘浩喆), Deputy Secretaries-General**

# Local Organizing Committee



**Prof. Xiaoming Chen**  
**陈小明 院士**  
**President of CCRS**  
**Sun Yat-sen University**  
**Academician of CAS**

**Song Gao**  
**高松 院士**  
**Former President of CCRS**  
**President of Peking University**  
**Academician of CAS**

**Prof. Maochun Hong**  
**洪茂椿 院士**  
**Former President of CCRS**  
**Fujian Institute of Research**  
**on the Structure of Matter**  
**Academician of CAS**

**Crystallographers from the North, to the South of CHINA, ALL support this bidding!**

# Local Organizing Committee



**Zhengtang Zhao**

Director of the SSRF Science Center

Professor, supervisor of PhD students, academican of the CAE, particle accelerator expert. Prof. Zhao has been engaged, for many years, with particle accelerator research and large-scale facility developments, he has...



**Renzhong Tai**

Executive Deputy Director of the SSRF Science Center

Professor, supervisor of PhD students, vice president of the Shanghai Advanced Research Institute, Chinese Academy of Sciences. Prof. Tai has been engaged, for years, with applied synchrotron radiation research, development and methodology, as well as with X-ray coherence research and development within the fields of nano-microscopy, nanomachining and dynamic characterization of structured nanoclusters. He has...  
...able angle plane grating monochromator with an...  
...carbon absorption edge. Prof Tai was responsible

Shanghai Synchrotron Radiation Facility (SSRF)



**Dave Ho-kwang Mao**  
**毛河光 院士**  
**Director of SHARPS**  
**Academician of CAS**

**Plenary lecture in the**  
**27th IUCr Congress**



**Donglai Feng**  
**封东来 院士**  
**President of ShanghaiTech**  
**University**  
**Director of Hefei**  
**Synchrotron facility**  
**Academician of CAS**

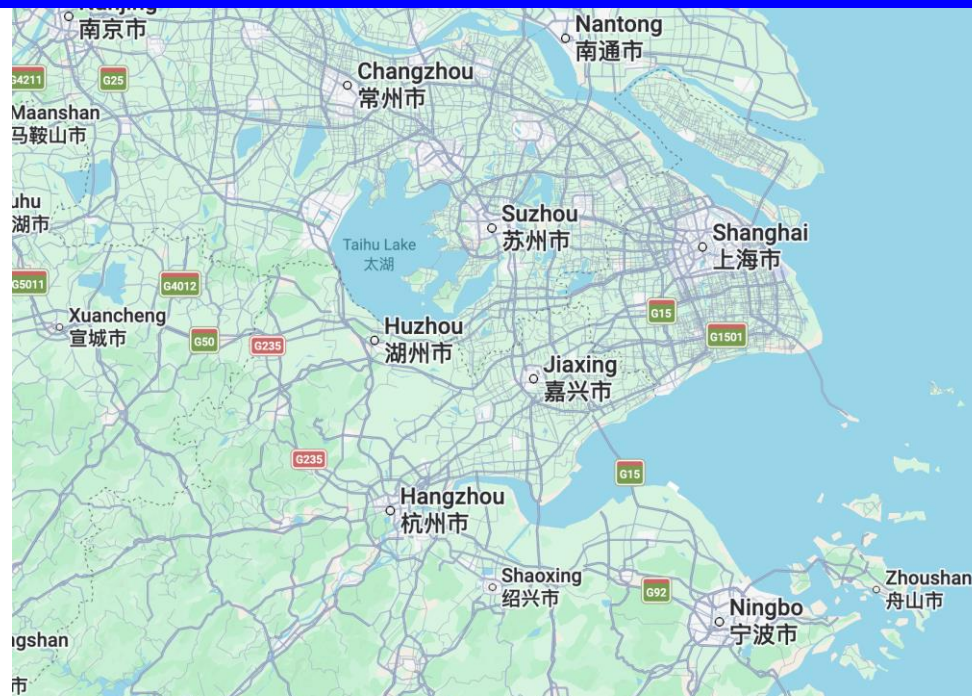
**Shanghai local elite team on board!**

# Local Organizing Committee

## Popular Train Routes from Shanghai



More universities & institutions within  
1~2 hours high speed train distance



**Yanmin Ma 马琰铭 院士**  
**President of Zhejiang University**  
**Academician of CAS**

For example, 45 min to Hangzhou  
Zhejiang University

Perfect satellite meeting and workshops'  
locations nearby Shanghai

# Local Organizing Committee

## Hospitality Committee dedicated to 2032 IUCr Congress

### 1. Social activity options at nearby towns and in town (time: right after 2032 IUCr Congress)



10 historical water town nearby



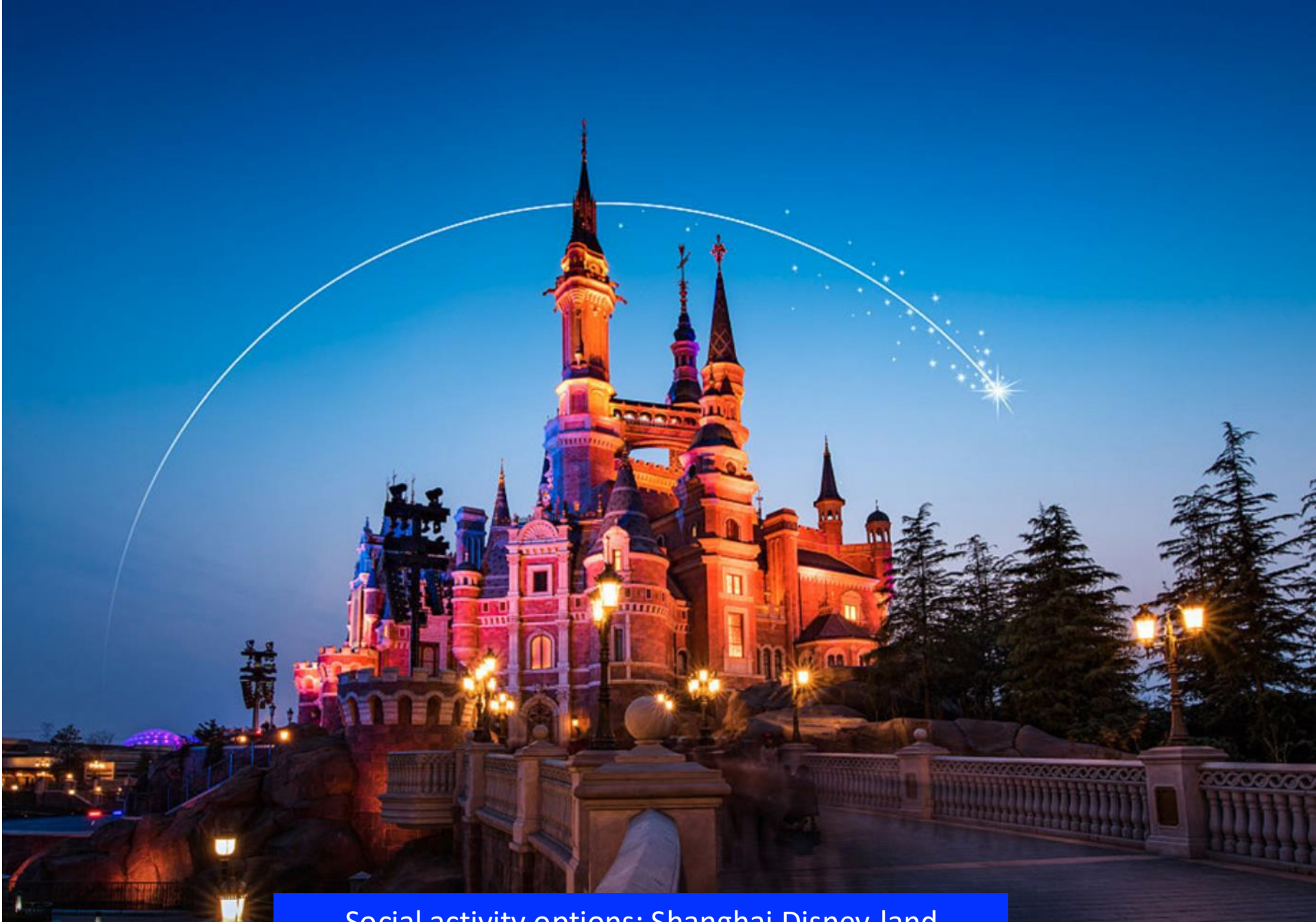
**Shanghai was Asian financial center 100-year ago, and its iconic futuristic skyline today**



Social activity option: Chinese traditional garden about 400-year old



Peaceful friendly neighborhood with Spanish - new California style house



Social activity options: Shanghai Disney-land  
(German style castle)

# Local Organizing Committee

Hospitality Committee dedicated to 2032 IUCr Congress

## 2. Onsite daycare service



Lisa and "BIG FAN" Gabriel at IUCr Congress at Montreal in 2014



MS 49: High-Pressure Solid-State Chemistry and Materials Synthesis. Takuya Taniguchi, Julien Haynes, Serge Desgreniers, Alexander Goncharov, Vladimir Solozhenko (Co-Chair), You-wen Long, Mary-Ellen Donnelly, Haozhe Liu (Co-Chair) and son Gabriel.   
Image 27 of 60

12 years ago, IUCr congress at  
Montreal, Canada  
Kid could stay in microsymposium room  
all day long

vs

This IUCr Congress at Calgary, Canada  
Offer onsite daycare service  
**8:00 am – 5:00 pm**

Hospitality Committee offer nominal fee (**USD \$1 per family with up to 10 kids**)  
for daycare service for whole week at Shanghai in 2032 IUCr Congress  
including **after working hour service**, to let parents attend  
Plenary lecture at evening session, and delegates for General Assembly at later evening.

**Family friendly Congress ever!**

# Local Organizing Committee

Hospitality Committee dedicated to 2032 IUCr Congress

## 3. On-site culinary service

Guest & family member for Banquet/Reception: USD \$50 ~ \$200 in previous conferences

**We offer**

**Guest & family members for Banquet: flat fee of USD \$15**

**Banquet/Reception for registrants: USD \$ 0. **FREE!****



# Local Organizing Committee

Hospitality Committee dedicated to 2032 IUCr Congress

## 3. Onsite culinary service



8 major cuisines in China  
Many minor cuisines in China  
Need month-long meeting to test them all!

We offer **lunch and dinner service EVERYDAY**  
of various Chinese cuisine styles - culinary arts  
at nominal fee (**USD \$1, make One US Dollar Great again**)  
**for the entire 2032 IUCr Congress period**  
to the participants who pay  
**the registration fee.**

# The 29<sup>th</sup> IUCr Congress at Shanghai in 2032

**Lowermost Early Bird  
Registration Fee!**

**USD \$ 750**

- **Regular rate: USD \$850;**
- Discount rate for students & senior scientists;
- Discount rate for participants from lower income countries

# Accommodations in Shanghai

Almost all major players in hotel business you could found in Shanghai

Typical room rate per day (including tax):

5 star hotel: ~ USD \$200;

4 star hotel: ~ USD \$150;

3 star hotel: ~ USD \$100;

2 star economic chain hotel: ~ USD \$50

Youth Inn: ~ USD \$5 - \$9.

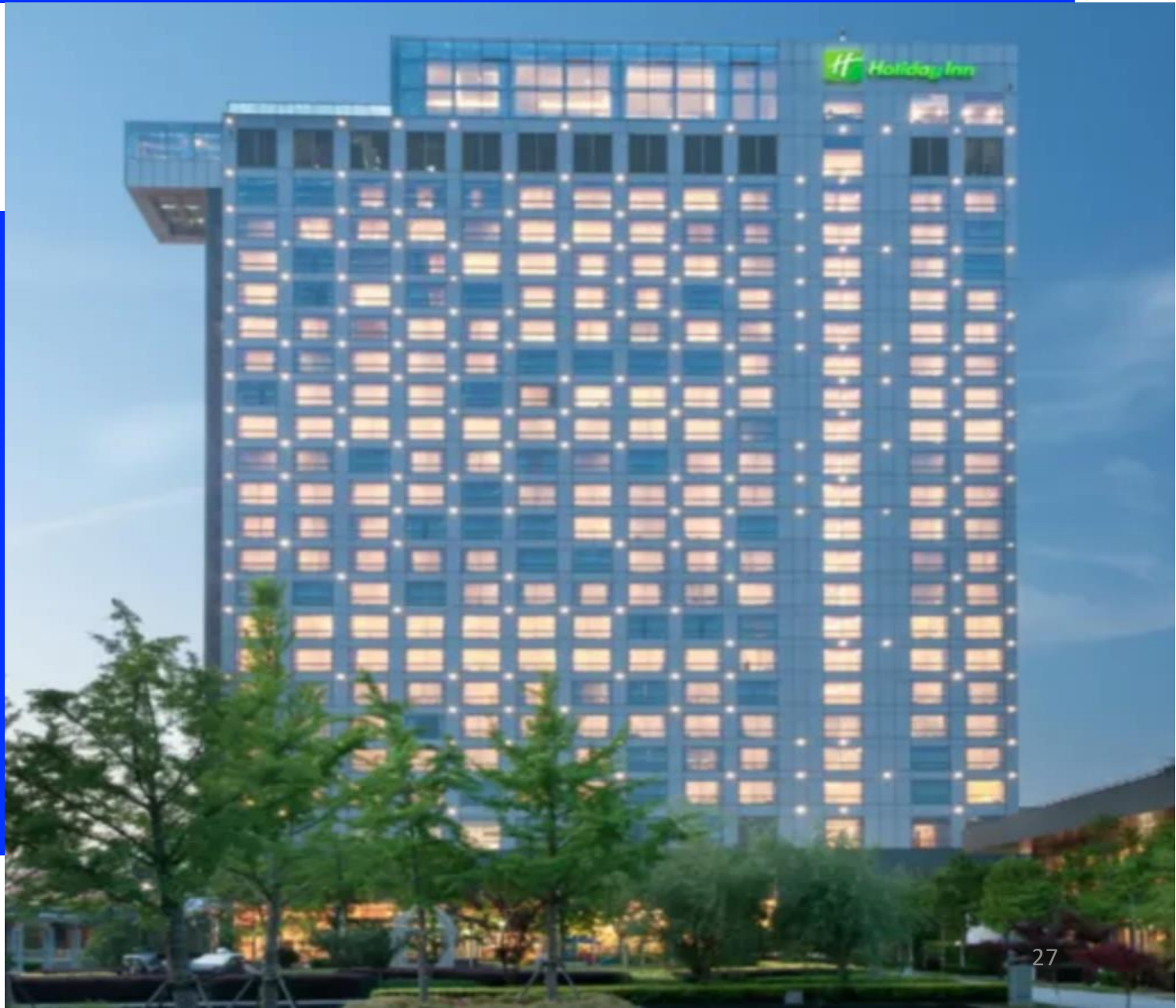
The screenshot displays a mobile application interface for finding accommodations in Shanghai. At the top, there's a navigation bar with '酒店' (Hotels) and other icons. Below this, a list of hotel recommendations is shown. Each listing includes a thumbnail image, the hotel name, location, rating, and price. For example, '上海入梦精品民宿 (虹桥国家会展中心店)' is listed with a 4.8 rating and a price of ¥174. Another listing, '虹桥之窗国际青年旅舍国家会展中心', has a 4.9 rating and a price of ¥45. The interface also features a search bar, filters, and a '为你推荐' (Recommended for you) section.

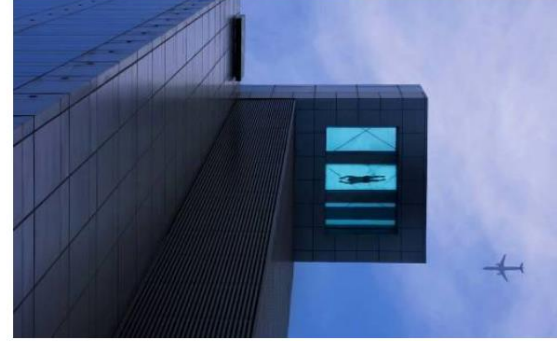
This block shows a map of the Shanghai area, specifically the Longning District, with a red pin marking the location of '虹桥之窗国际青年旅舍国家会展中心'. Below the map, the hotel's details are provided: it is a 4.9-rated economic hostel, located near the Shanghai Hongqiao International Airport, with a 6.7km distance and a 17-minute drive. The listing includes a '非住' (Non-stay) option, a '浏览过' (Viewed) button, and a price of ¥45. It also mentions '暑期卡立减' (Summer Card Instant Discount) and '菲住会员优惠' (Feizhu Member Discount).

# Example for conferece rate

Holiday Inn  
at Shanghai  
Pudong  
Kangqiao

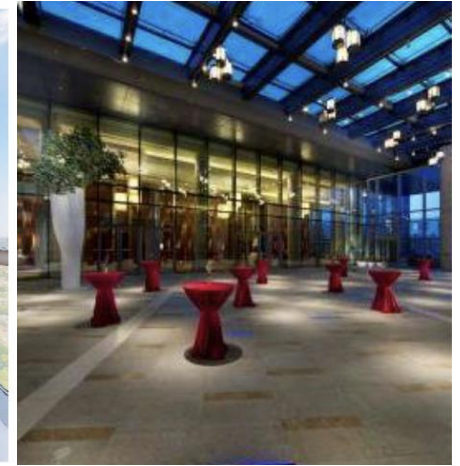
Shuttle service to  
Convention Center





## Cantilever Indoor Swimming Pool

Enjoy the amazing journey in our world famous Cantilever Indoor Swimming Pool; Swim 100 meters up in the air with nothing below you except glass. Work out with weights and cardiovascular equipment whilst looking at the shanghai skyline



## GYM & Roof Garden Badminton Court

Enjoy a game of badminton on one of our badminton court set on our roof garden



386 spacious and contemporary  
designed guest rooms

Standard Room Size : 35 m

386间精致时尚客房  
标准间面积：35平方米



## Accommodation Cost

Conference discount rate  
**below USD \$ 80**  
**(double room)**

Below per dime rate in most countries

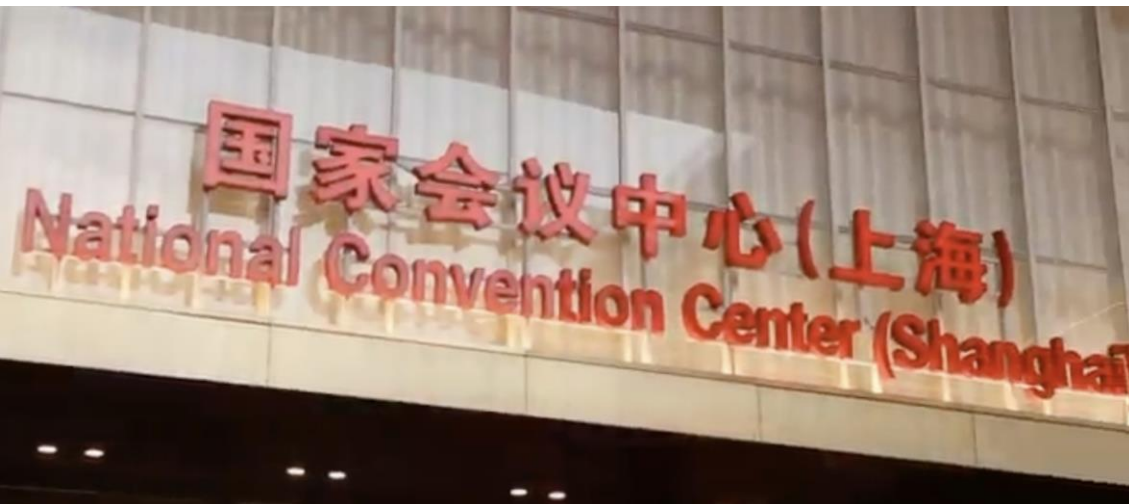
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Deluxe Suite Size : 95 m<sup>2</sup>  
豪华套房面积：95平方米

# Meeting Venue

## National Convention Center (Shanghai)

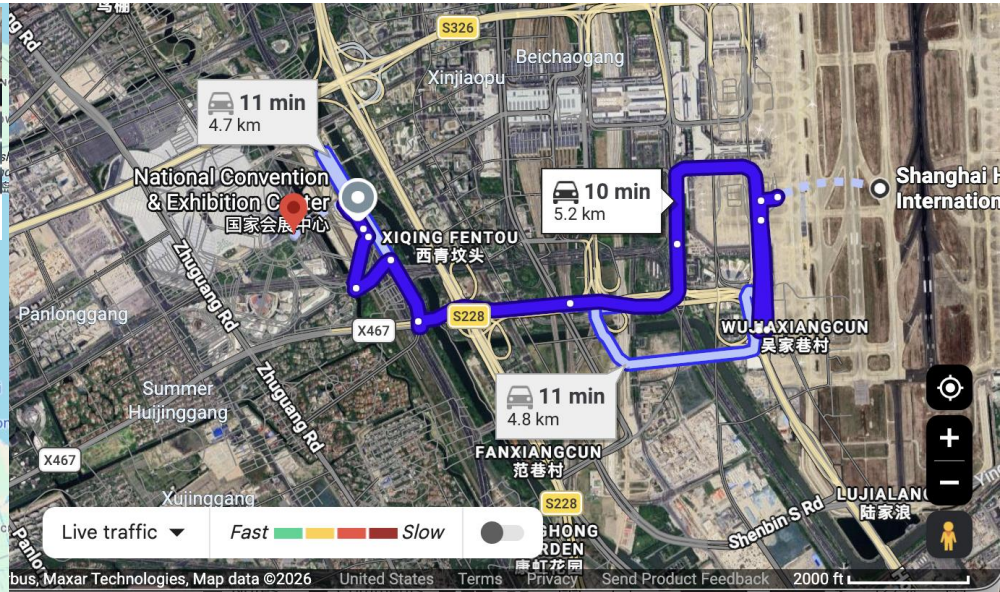


国家会议中心(上海)  
The elegant and dignified welcome



Located near Hongqiao airport

# Meeting Venue National Convention Center (Shanghai)



High speed train between PVG and SHE Airports

10 min *via* taxi from T2 of Hongqiao airport



Green building certificate in 2020  
Top 10 buildings in 2019

# Meeting Venue

## National Convention Center (Shanghai)



**Conference with 3,000 – 5,000 participants**

**Many successful cases in previous 5 years**



# Visa to China

**China is visa friendly country in last couple of decades.**

- **30-day Visa-Exception for 50 countries;**

(Increasing from 15 in Sep. 2024 to 50 countries in Feb. 2026.  
Expect ~100 countries in 2032 according to this pace)

- **Visa free transit (10-day) to Shanghai for 55 countries.**

Check website of Chinese National Immigration Administration from time to time for the update.

Will be available in our meeting website

Most overseas participants do NOT need apply for visa to enter China at all!



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List of Countries Covered by Unilateral Visa Exemption Policies

2026-02-17

(Compiled according to information released by the Ministry of Foreign Affairs of the People's Republic of China, as of February 17, 2026)

Europe (35 countries):

Andorra, Austria, Belgium, Bulgaria, Croatia, Cyprus, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Luxembourg, Malta, Monaco, Montenegro, Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russian Federation, Slovakia, Slovenia, Spain, Sweden, Switzerland, United Kingdom of Great Britain and Northern Ireland

Oceania (2 countries):

Australia, New Zealand

Asia (7 countries):

Bahrain, Brunei Darussalam, Japan, Kuwait, Oman, Republic of Korea, Saudi Arabia

Americas (6 countries):

Argentina, Brazil, Canada, Chile, Peru, Uruguay

Note:

Nationals of the above countries holding ordinary passports may enter China visa-free for business, tourism, visits to relatives and friends, exchange visits, or transit, for stays of up to 30 days. The duration of stay is calculated from 00:00 on the day following the date of entry.

(I) List of 55 Countries

Europe (40 countries):

Albania, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Monaco, Montenegro, the Netherlands, North Macedonia, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Ukraine, United Kingdom

North America (2 countries):

Canada, United States

South America (4 countries):

Argentina, Brazil, Chile, Mexico

Oceania (2 countries):

Australia, New Zealand

Asia (7 countries):

Brunei, Indonesia, Japan, Qatar, Singapore, South Korea, United Arab Emirates

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Visa-Free Transit Policies

2025-07-04

I. 24-Hour Visa-Free Transit Policy

All open exit-entry ports in China implement this policy for nationals of all other countries around the world. Fo  
through China to third countries or regions may stay in China for no more than 24 hours without a visa, provided t  
international travel documents and onward international flight/ship/train tickets with confirmed seats, and will not l  
areas of ports. For any foreigner who does need to leave the designated restricted area, a temporary entry permit mu  
at the immigration inspection authority of the port concerned.

II. 240-Hour Visa-Free Transit Policy

34

# Experience for host international meeting

AIRAPT-2017 Beijing: Prof. Arthur Haozhe Liu was Co-Chair

Prof. Lisa L Liu was member of local organizing committee

**We did host the international meeting with ~1,000 participants  
in China before.**

**In 2017, we took group picture for 1,000 attendees!**



# IPC (International Program Committee)

Local Organizing Committee and CCRS members  
who have IPC experience in previous IUCr Congresses



Prof. Xiaodong Su  
Former President of CCRS  
Peking University



Prof. Changqing Jin  
Chair of CCRS Monitoring Committee  
Institute of Physics, CAS



Prof. Wei Ren  
Shanghai University



Prof. Lisa Liu  
SHARPS



Prof. Arthur Liu  
HPSTAR

Committed to offering guidance or serving on the IPC of the 29th IUCr Congress  
Ensuring adherence to IUCr standards and policies for international academic conferences

# Program & Dates

**Satellite meetings, workshops  
and summer school**

**Day (-1) to Day 0**

**Welcome Reception at evening  
Workshops day time**

**Day 0**

**Scientific program including 150 micro  
symposia, 3 plenary + 24 keynote lecture  
Banquet/Closing Reception**

**Day 1 to Day 7**

**Social activities, tours in town and nearby  
Martial art school, Tai-Chi class**

**Day 8 and beyond**

**Aug. 20 – 27, 2032**

# Budget

Number of 2,500 delegates

in USD \$

## Income

|                        |                    |
|------------------------|--------------------|
| Registration fee       | \$2,000,000        |
| Industry sponsors      | \$100,000          |
| Exhibition (70 booths) | \$350,000          |
| <b>Total</b>           | <b>\$2,450,000</b> |

## Expenses

|                                                    |                    |
|----------------------------------------------------|--------------------|
| Venue and meeting facilities                       | \$1,000,000        |
| Food service                                       | \$500,000          |
| Suport to early craeer sicentists                  | \$300,000          |
| Insurance                                          | \$50,000           |
| Delegate service @ Assembly nights                 | \$150,000          |
| Overhead and management cost from CCrS             | \$122,500          |
| Program and conference materials                   | \$150,000          |
| Social activities at welcome reception and banquet | \$177,500          |
| <b>Total</b>                                       | <b>\$2,450,000</b> |

Balance

0

# Supporting letter from CCRS



## Chinese Crystallographic Society (CCRS)

### Bidding to host the 29<sup>th</sup> IUCr Congress and General Assembly in 2032 from Chinese Crystallographic Society (CCRS)

Originating from the IUCr China National Committee, the Chinese Crystallographic Society (CCRS) was initiated by Prof. Youqi Tang (唐有祺, 1920 – 2022) and formally established in 1993. Since its founding, CCRS has served as the adhering body of the International Union of Crystallography (IUCr).

In August 1993, CCRS hosted the 16<sup>th</sup> IUCr Congress and General Assembly in Beijing — the first and, to date, only time the IUCr Congress has been held in China. Today, the IUCr Congress is recognized as the largest global gathering in the field of crystallography - structure science, while China has the biggest community of crystallographers in the world.

CCRS has officially expressed its interest in hosting a future IUCr Congress at the past three IUCr General Assemblies: in Hyderabad, India (2017) by then-President of CCRS, Prof. Xiaodong Su; in Prague, Czech Republic (2021) by Prof. Arthur Haozhe Liu; and in Melbourne, Australia (2023), also by Prof. Arthur Haozhe Liu.

Following these efforts, the CCRS Executive Committee has resolved to submit a formal bid to host the 29<sup>th</sup> IUCr Congress and General Assembly in 2032, with Shanghai proposed as the host city.

#### The Local Organizing Committee:

The following distinguished members of the Chinese Crystallographic Society (CCRS) have expressed their support for the bid:

Xiaoming Chen (Sun Yat-sen University; President of CCRS), Song Gao (Peking University; Former President of CCRS), Maochun Hong (Fujian Institute of Research on the Structure of Matter, CAS; Former President of CCRS), Rengen Xiong (Southeast University), Xiaolong Chen (Institute of Physics, CAS), Dave Ho-kwang Mao (SHARPS), Zhengtang Zhao & Renzhong Tai (Shanghai Synchrotron Radiation Facility), Hong Ding (Shanghai Jiaotong University), Wenge Yang (HPSTAR), Yanming Ma (Zhejiang University), Donglai Feng (ShanghaiTech University), and Tongyi Zhang (Shanghai University).



## Chinese Crystallographic Society (CCRS)

The International Program Committee (IPC) will be formally constituted once the bid is approved. At present, the following CCRS members—who have previously served on IPCs of IUCr Congresses—have confirmed their willingness to contribute: Lisa Luhongwang Liu (SHARPS), Wei Ren (Shanghai University), Arthur Haozhe Liu (HPSTAR), Changqing Jin (Institute of Physics, CAS), and Xiaodong Su (Peking University).

All of them fully support the bid and are committed to offering guidance or serving on the IPC of the 29<sup>th</sup> IUCr Congress, ensuring adherence to IUCr standards and policies for international academic conferences.

#### Venue:

Shanghai, a megacity with a population of 25 million, is home to 69 universities and more than 1,000 research institutions and R&D centers. Within the Chinese Academy of Sciences (CAS) system alone, 19 institutions are based in Shanghai, including the Shanghai Synchrotron Radiation Facility (SSRF). The city also hosts 647 certified research institutes and R&D centers with foreign funding, underscoring its status as a uniquely international hub for science and innovation.

Shanghai is recognized as one of the largest global centers for structure science and crystallography. Within a one- to two-hour high-speed train journey, numerous nearby cities offer additional universities and research institutions engaged in structure science, providing excellent options for hosting workshops and summer schools in conjunction with the IUCr Congress.

The city's transportation infrastructure is another major advantage. Shanghai Pudong International Airport (PVG) is one of China's busiest airports, serving most major international routes. Shanghai Hongqiao International Airport (SHA) primarily handles domestic and regional flights, with a limited number of international services. Notably, Terminal 2 of SHA is directly connected to Shanghai Hongqiao Railway Station, one of the country's largest high-speed rail hubs.

#### Social Activities and Hospitality Committee

Shanghai offers a unique blend of modern and historical charm, from its iconic futuristic skyline to 400-year-old classical gardens, colonial-era waterfront architecture, and



## Chinese Crystallographic Society (CCRS)

nearby historic cities and water towns. For the 29<sup>th</sup> IUCr Congress in 2032, CCRS will establish a dedicated Hospitality Committee. This committee will gather input from both domestic and international colleagues to design heritage-focused itineraries and tours in Shanghai and surrounding areas.

#### Family Support

Daycare services will be available for participants traveling with children. The Local Hospitality Committee will work to keep daycare fees as low as possible.

#### Accommodations

Shanghai offers a wide range of accommodation options, from budget-friendly hotels to international chains, ensuring affordability for all participants.

#### Registration Fee

The registration fee will be set with reference to the rates of the previous three IUCr Congresses and will be guaranteed to remain lower than that of the current Congress. Discounts will be offered to students, early-career scientists, senior scientists, and participants from low-income countries.

We sincerely hope that delegates will support our bid during the General Assembly sessions on August 13 and August 16, 2026.

On behalf of the Chinese Crystallographic Society (CCRS):

Prof. Xiaoming Chen  
President, Chinese Crystallographic Society (CCRS)  
Website: [www.ccrs.net.cn](http://www.ccrs.net.cn)  
Email: [ccrs@pku.edu.cn](mailto:ccrs@pku.edu.cn)  
Office Address: Weib' Building, Peking University, Haidian District, Beijing 100871, China

# Stop by CCrS booth #50 in Exhibit hall

We collect input and suggestions from delegates and foreign attendees for potential social activities in Shanghai and nearby area in 2032.

For example:

We will invite Tai-Chi master to coach attendees, 15 minutes during coffee break in the afternoon, **DAILY**, during entire Congress week.

**New ideas are always welcome!**



# Summary

- Shanghai is a very safe town;
- Financially friendly & truly family friendly event;
- Most importantly, this will be the great opportunity to interact and collaborate with local peers in Shanghai, the biggest community of the crystallography, who could NOT attend IUCr Congresses previously due to visa problems.

**Fact: Structure scientists from China were heavily underrepresented in IUCr Commissions today, which issues could be solved then.**

**Hope this bid could be approved by IUCr delegates  
in the # 3 General Assembly (Aug. 16, 2026).**

**See you all at Shanghai in  
2032!**



## Q & A

Q: Why CCrS did not send delegates and Congress attendees any flyer or handout?

A: We prefer to the organic, environmentally friendly way for the bidding.

If delegates really want to see some flyers, we will print Flyers (in next page) and deliver to delegates' table tomorrow.

Delegates on-site voted: NO need physical flyers, during # 2 General Assembly on Aug. 13, 2026.

So CCrS will maintain environmentally friendly way for bidding.

# IUCr 2032 SHANGHAI

## A NEW ERA OF CRYSTALLOGRAPHY

Science • Connection • Next Generation

### FOUR DECADES. A NEW ERA.

The IUCr Congress came to Beijing in 1993. By 2032, nearly four decades will have passed—and crystallography, and China's structural-science landscape, have been transformed.

Shanghai 2032 is our commitment to bring the IUCr community together again—uniting generations, ideas and innovations for a bold new era of crystallography.



BEIJING  
1993

39 YEARS OF TRANSFORMATION



SHANGHAI  
2032

### WHY SHANGHAI?



World-class structural-science ecosystem



Mega-scale photon facilities



A vast next generation of scientists



Global connectivity



An international city built around science and innovation

IUCr 2032 SHANGHAI • A NEW ERA OF CRYSTALLOGRAPHY

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# WHY SHANGHAI MATTERS TO IUCr

Science. Access. Legacy. •

### ONE CITY. A FULL SPECTRUM OF STRUCTURAL SCIENCE.

Shanghai brings together crystallography, materials science, structural biology, chemistry, condensed-matter physics, high-pressure science, electron microscopy, photon science, computational science, and AI-enabled discovery.



### SSRF

A world-leading 3rd generation synchrotron radiation facility with a broad suite of advanced beamlines for diverse research.



### SXFEL

A state-of-the-art soft X-ray free-electron laser delivering ultrafast and ultra-bright pulses for frontier science.



### SHINE

Expected hard-X-ray FEL capability for diffraction, scattering and spectroscopy (10–25 keV design range).

### SHANGHAI. CONNECTED TO THE WORLD.



2  
major  
international  
airports



53  
countries  
connected



302  
destinations

Integrated metropolitan transport network ensures seamless access and a smooth congress-city experience.

### INSPIRE THE NEXT GENERATION

Shanghai is a hub of talent, innovation and curiosity. We are committed to empowering young scientists, early-career researchers, and the growing structural-science communities across China and Asia.



### SHANGHAI 2032 NEXT GENERATION INITIATIVE



Young Crystallographer Fellowships



Regional Travel Support



IUCr School @ Shanghai

TOGETHER IN SHANGHAI,  
LET US SHAPE THE NEXT ERA OF CRYSTALLOGRAPHY.

IUCr 2032 SHANGHAI • A NEW ERA OF CRYSTALLOGRAPHY

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