

## International Conference on Space Habitation and Exploitation 2025 (Third Announcement)

International Conference on Space Habitation and Exploitation 2025, is organized jointly by Center of Space Exploration, Ministry of Education, Chongqing University, Zhejiang University, Chinese Society of Astronautics, Chinese Society of Image and Graphics, and other institutions. This conference aims to discuss opportunities and challenges in space survival technologies and the development of peaceful utilization, explore pathways and solutions for the technological transformation of space development and utilization, and promote international cooperation and exchanges in the peaceful utilization of space technologies. The conference is scheduled to be held in Zhejiang University, from December 5<sup>th</sup> to 7<sup>th</sup>, 2025. Experts and scholars in relevant fields are warmly welcome to attend, guide and exchange ideas!

### 1. Theme

Space Habitation and Exploitation

### 2. Topics

Lunar Survival Base Construction and Cave Development and Utilization (Conveners: Gengxin Xie, Shujian Sun, Xiaomin Zhang)

Spatial Information Perception and Decision-Making (Conveners: Jihao Yin, Xiaojun Jiang)

Space-Based Solar Power Station (Conveners: Jian Li, Huaiqing Zhang)

Space Laser and Manufacturing Technology and Applications (Conveners: Xia Hou, Shijie Liu)

Collaborative Cultivation of Innovative Young Talents in Space Exploration (Convener: Donghong Long)

### 3. Organizers

Center of Space Exploration, Ministry of Education, Chongqing University

Zhejiang University

Chinese Society of Astronautics

China Society of Image and Graphics

Provincial-Ministry Collaborative Innovation Center for Deep Space Exploration

### 4. Co-organizers

University of Edinburgh

Harbin Institute of Technology

Beijing Institute of Technology

Shanghai Institute of Optics and Fine Mechanics, Chinese Academy of Sciences

### 5. Organizing Unit

Space Science and Technology Research Institute, Chongqing University

School of Aeronautics and Astronautics, Zhejiang University

Technical Committee on Information Perception and Decision-Making, China Society of Image and Graphics

### 6. Collaborating Organizations

Chongqing Astronomical Society

Innalab

Taizhou Sinan Inertial Navigation Technology Co., Ltd.

Space Habitation (Journal)  
Space Solar Power and Wireless Transmission (Journal)  
Huanjiang Laboratory  
Journal of Space Science and Experiment

## 7. Academic Advisors

Academician Faren Qi, Academician Liheng Wang, Academician Zhihua Zhong

## 8. Conference Chairs

Academician Dengyun Yu, Academician Chi Wang

## 9. Executive Conference Chairs

Academician Gengxin Xie, Academician Michel Blanc, Professor Jin Qian

## 10. Academic Advisory Committee

Academic Committee of the Provincial-Ministry Collaborative Innovation Center for Deep Space Exploration

Academician Faren Qi  
Academician Zhihua Zhong  
Academician Dengyun Yu  
Academician Chi Wang  
Academician Zheng You  
Academician Jianyu Wang  
Academician Zhicheng Zhou  
Academician Zhenyuan Jia  
Academician Shanguang Chen  
Yongfu Wang  
Yuhua Zhang  
Zhenyu Hu  
Academician Gengxin Xie  
Academician Weiqiu Zhu  
Academician Lieyun Ding  
Academician Hanlong Liu  
Academician Yinghui Li

Academician Liheng Wang  
Academician Weimin Bao  
Academician Guangsheng Zhu  
Academician Yue Hao  
Academician Weiren Wu  
Academician Mengfei Yang  
Academician Xibin Cao  
Academician Lei Guo  
Yonghua Tan  
He Zhang  
Xinbo Zhu  
Pingyuan Cui  
( Specially invited:  
Academician Yangsheng Xu  
Academician Hongyuan Mei  
Academician Xiaohua Tong  
Jian Li )

## 11. Expert Committee

Ning Ding  
Zhaokui Wang  
Xin Wang  
Jihao Yin  
Weiren Shi  
Mei Tian  
Maozhi Ren  
Shujian Sun  
Zhisong Xiao  
Long Zhang  
Xiaomin Zhang  
Linli Guo

Yiran Wang  
Gaofeng Wang  
Yancheng You  
Yulin Deng  
Weiguo Lu  
Jinquan Shi  
Shijie Liu  
Yuguang Yang  
Jingrui Zhang  
Zexu Zhang  
Huaiqing Zhang  
Shaoqi Zhou

Cheng Zhou  
Xia Hou  
Jin Qian  
Kai Zhang  
Meng Tao  
Jesus Martinez Frias  
David Robertson

Pei Zhao  
Xiaojun Jiang  
Xueke Xu  
Gengxin Xie  
Han Xiong  
Michel Blanc  
Charles Cockell

## 12. Conference Agenda

Time		Event	Location
<b>Dec 5</b>	14:00-21:00	On-site Registration	Hangzhou Ouyamei International Hotel, Zhejiang
<b>Dec 6</b>	9:00-9:30	Opening Ceremony	Qiushi Hall, Zijingang Campus, Zhejiang University
	9:40-12:00	Keynote Speech	
	12:00-14:00	Lunch	To Be Announced
	14:30-17:30	Keynote Speech	Qiushi Hall, Zijingang Campus, Zhejiang University
	17:30-18:30	Dinner	To Be Announced
	19:00-20:30	SH Second Editorial Board Meeting	Yaokun Building, Zijingang Campus, Zhejiang University
<b>Dec 7</b>	9:00-12:00	Session 1: Lunar Survival Base Construction and Cave Development and Utilization	Yaokun Building, Zijingang Campus, Zhejiang University
		Session 2: Spatial Information Perception and Decision-Making	Yaokun Building, Zijingang Campus, Zhejiang University
		Session 3: Space-Based Solar Power Station	Yaokun Building, Zijingang Campus, Zhejiang University
		Session 4: Space Laser and Manufacturing Technology and Applications	Yaokun Building, Zijingang Campus, Zhejiang University
		Session 5: Collaborative Cultivation of Innovative Young Talents in Space Exploration	Zijingang Hall, Alumni Building, Zijingang Campus, Zhejiang University
	12:00-14:00	Lunch	To Be Announced



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<http://cose.sibiao.net/2025/>

## 13. Registration

(1) Please register online

Please complete your registration online via the following website.

<http://cose.sibiao.net/2025/>

**Note: The deadline for the Organizing Committee to access online registration information is December 1, 2025.**

(2) Registration Fee

The registration fee includes admission to the plenary programme and all the related conference materials. Attendants are responsible for their own meals, transportation and accommodation expenses. The registration fees for this conference will be collected and invoiced by the Chongqing Astronomical Society. Please title the payment memo as "Space Conference + Participant's Name + Participant's Affiliation".

Date Category	Scientific Research Staff	Student	Business Representative
Early (Before 15 November 2025, 12:00pm BJT)	1500 CNY / Person	600 CNY / Person	1800 CNY / Person
Regular (After 15 November 2025, 12:00pm BJT)	2000 CNY / Person	1000 CNY/ Person	2400 CNY / Person

(3) Payment Method:

Attendants can choose to pay by credit card, indebt card or WeChat QR code.

(4) CNY Account:

户名: 重庆天文学会

帐号: 50050106004600000607

开户行: 中国建设银行股份有限公司重庆两江新溉路支行

(5) Euro Account:

Account name: CHONGQING ASTRONOMICAL SOCIETY

Account number:50050105360009084342

SWIFT BIC: PCBCCNBJCQX

Bank: CHINA CONSTRUCTION BANK CHONGQING BRANCH SHAPINGBA SUBBRANCH

Bank Address: NO. 82 XIAO XIN STREET SHAPINGBADIST CHONGQING CHINA

(6) USD Account:

Account name: CHONGQING ASTRONOMICAL SOCIETY

Account number:50050105360009064342

SWIFT BIC: PCBCCNBJCQX

Bank: CHINA CONSTRUCTION BANK CHONGQING BRANCH SHAPINGBA SUBBRANCH

Bank Address:NO. 82 XIAO XIN STREET SHAPINGBADIST CHONGQING CHINA

(7) QR code:



## 14. Exhibition

In the same period of the conference, exhibitions will be organized to showcase cutting-edge technologies, high-end equipment and solutions, popular science works, etc. The exhibition area and the number of exhibition stands are limited, and reservations will be made on a first-come, first-served basis.

## 15. Recommended Hotels

Hotel	Address	Agreed Rate	Booking Phone
Hangzhou Ouyamei International Hotel, Zhejiang (Official Registration Hotel)	No. 766, Moganshan Road, Xihu District, Hangzhou City	Deluxe Twin Room - RMB 398 Superior Twin Room - RMB 358	Manager Lin: +86 186 2686 7067
Zijingang International Hotel Hangzhou	No. 796, Shenhua Road, Xihu District, Hangzhou City	Superior Twin Room - RMB 398	Manager Kong: +86 133 0681 3111
Yuanzheng Qizhen Hotel, Zhejiang	No. 8, Xiyuan 1st Road, Xihu District, Hangzhou City	Superior Twin Room - RMB 358	Front Desk: +86 571 8675 9999



## 16. Contact Details

Staffs of the Conference		
Name	Phone	Email
Xiaoli Liu	0086 13635410183	liuxiaolis2016@cqu.edu.cn
Shujian Sun	0086 16657109166	sunshujian@zju.edu.cn
Dan Qiu	0086 18002339013	qiudan@cqu.edu.cn
Xiaofeng Liu	0086 15801925233	liuxiaofeng@siom.ac.cn
Huijuan Wang	0086 13810374088	wanghj@nao.cas.cn
Peixin Zuo	0086 18306073248	sspwt@cqu.edu.cn
Donghong Long	0086 13212374166	896834727@qq.com
Yongxin Jiang	0086 17347808162	jiangyongxin@cqu.edu.cn