



14th International SUT (China) Technical Conference

(The First Notice)

Zhenjiang, China

October 31-November 3, 2025

Offshore oil and gas and green energy are major resources to ensure a sustainable industrial development in the future. In order to build an open platform for technological exchange, promote the progress of global marine resources exploration and development technology, promote international cooperation between Chinese and overseas institutions of higher learning, enterprises and research institutions, and further enhance the cooperation and exchanges between Chinese universities and enterprises involved in maritime affairs, the 14th International SUT (China) Technical Conference will be held in Zhenjiang, Jiangsu Province, China, from October 31 to November 3, 2025. Well-known domestic academicians will attend as consultants of the conference, and we would like to extend our warmest invitation to experts and scholars from domestic and abroad engaged in scientific research, education, production, application, and other disciplines to discuss the development of offshore resources, engineering equipment and related industrial topics.

Founded in 1966 and headquartered in London, United Kingdom, the Society for Underwater Technology (SUT), <http://www.sut.org.uk>, is the most influential academic organization in the world of underwater engineering, and is a multidisciplinary society that brings together institutions and individuals concerned with underwater technology, marine science and engineering. The annual SUT (China) Technical Conference was initiated by SUT China Branch and 13 sessions have been successfully held in Shenzhen, Shanghai, Qingdao, Beijing, Zhoushan, Changsha, Dalian, Haikou and Tianjin, which have been highly recognized by experts and scholars.

With the theme of " Marine Resource Development and Deep-Sea Equipment & Technology ", this conference invites distinguished experts and scholars from universities, research institutes and enterprises in the field of ocean engineering around the world to participate and discuss key topics such as deep-sea oil and gas and mineral resource development, deep-sea equipment & technology, and marine renewable energy development.

I. Time and Places

Time: October 31st- November 3rd, 2025

Place: Zhenjiang, Jiangsu Province, China

II. Hosts and Organizers

Hosts: SUT China Branch

China University of Petroleum (Beijing)

Organizers: Jiangsu University of Science and Technology

Westlake University

University of Shanghai for Science and Technology

Co-Organizers: 2H Offshore, Dalian University of Technology, Tsinghua University, Harbin Engineering University, Northwestern Polytechnical University, Shanghai Ocean University, Shanghai Jiao Tong University, Tianjin University, China University of Petroleum (East China), Southwest Petroleum University, Zhejiang University, Zhejiang Ocean University, Ocean University of China, Sun Yat-sen University, Hohai University, Hainan University, Changsha Mining and Metallurgy Research Institute Co., Ltd, Huazhong University of Science and Technology, University of Electronic Science and Technology of China, South China University of Technology, Jiangsu Mechanical Engineering Society (JMES)

III. Organizing Committee

General Chairman:

Ji Chunyan, Professor, Jiangsu University of Science and Technology

Cui Weicheng, Professor, Westlake University

Zhang Yu, Professor, China University of Petroleum (Beijing), Chairman of SUT China Branch

Executive Chairman:

Zhu Daqi, Professor, University of Shanghai for Science and Technology

Zhang Jian, Professor, Jiangsu University of Science and Technology

Vice Chairman (sort alphabetically by full name):

Cheng Yong, Professor, Jiangsu University of Science and Technology

Cui Jie, Professor, Jiangsu University of Science and Technology

Yang Yifei, Professor, Jiangsu University of Science and Technology

Zhang Jian, Professor, Jiangsu University of Science and Technology

Zhu Zhiyu, Professor, Jiangsu University of Science and Technology

Members (sort alphabetically by full name):

Chu Zhenzhong, Professor, University of Shanghai for Science and Technology

Chen Mingzhi, Associate Professor, University of Shanghai for Science and Technology

Fan Dixia, Professor, Westlake University

Gao Junliang, Professor, Jiangsu University of Science and Technology

He Yangye, Associate Professor, China University of Petroleum (Beijing),
Secretary of SUT China Branch

Hu Yunsen, Associate Professor, Jiangsu University of Science and Technology

Wang Biao, Professor, Jiangsu University of Science and Technology

Wang Jia, Professor, Jiangsu University of Science and Technology

Xu Sheng, Professor, Jiangsu University of Science and Technology

Yan Fei, Associate Professor, Jiangsu University of Science and Technology

Yin Baoji, Associate Professor, Jiangsu University of Science and Technology

Secretaries:

Wang Minglu, Xu Gang, Liang Jieneng, Wang Qiyu, Zhan Ming

IV. Technical Committee

Chairman:

Li Huajun, Academician, Ocean University of China

Zhang Laibin, Academician, China University of Petroleum (Beijing)

Vice Chairman (sort alphabetically by full name):

Cui Weicheng, Professor, Westlake University

Duan Menglan, Professor, Tsinghua University

Frank Lim, Global Technical Advisor, 2H Offshore

Ji Chunyan, Professor, Jiangsu University of Science and Technology

Liu Yong, Professor, Ocean University of China

Wan Decheng, Professor, Shanghai Jiao Tong University

Zheng Jinhai, Professor, Hohai University

Members (sort alphabetically by full name):

Andrew Lipman, General Manager of Underwater and Mining Operations,
American Bureau of Shipping (China) Co., Ltd

An Chen, Professor, China University of Petroleum (Beijing)

An Weizheng, Chief Electromechanical Engineer, Engineering Research and
Design Institute of CNOOC Research Institute

Bai Xinglan, Professor, Zhejiang Ocean University

Cai Baoping, Professor, China University of Petroleum (East China)

Chang Yuanjiang, Professor, China University of Petroleum (East China)

Chen Nianzhong, Professor, Tianjin University

Cheng Yong, Professor, Jiangsu University of Science and Technology

Dai Xuexin, Chief Engineer, Subsea7

Deng Xin, Deputy Director of the Specialized Committee on Digitization,
CNOOC Energy Development Co., Ltd

Dong Yehong, Professor, North China Electric Power University

Du Xinguang, Deputy Director of Shanghai Branch, Researcher, China
Shipbuilding Research Center (CSSRC)

Fu Guangming, Associate Professor, China University of Petroleum (East
China)

Fu Shixiao, Professor, Shanghai Jiao Tong University

Gao Fuping, Researcher, Institute of Mechanics, Chinese Academy of
Sciences

He Ning, Professor-Level Senior Engineer/Deputy Chief Engineer, Offshore Oil
Engineering Co.,Ltd

Hu Zhenzhong, Associate Professor, Tsinghua University

Kang Zhuang, Professor, Harbin Engineering University

Lai Jiang, Professor, University of Electronic Science and Technology of China

Li Wenhua, Professor, Dalian Maritime University

Li Zhichuan, Chief of Wind Power, CNOOC Development Clean Energy Company

Lian Yushun, Professor, Hohai University

Liang Xu, Professor, Zhejiang University

Liang Yuanhua, Deputy Director and Chief Engineer, China Classification Society (CCS) Offshore Engineering Technology Center

Lin Shanying, Associate Professor, Dalian Maritime University

Liu Fushun, Professor, Ocean University of China

Liu Shuo, Associate Researcher, Institute of Mechanics, Chinese Academy of Sciences

Lu Huimin, Professor, Southeast University

Ma Linjian, Professor, Army Engineering University of PLA

Qin Hongde, Professor, Harbin Engineering University

Qu Yan, Professor, South China University of Technology

Shahir Liew, Professor, Universiti Teknologi PETRONAS

Shen Yijun, Professor, Hainan University

Sui Titi, Professor, Hohai University

Tian Xinliang, Professor, Shanghai Jiao Tong University

Wang Facheng, Professor, Tsinghua University

Wang Fang, Professor, Shanghai Ocean University

Wang Shuqing, Professor, Ocean University of China

Wang Yi, Associate Professor, China University of Petroleum (Beijing)

Wu Shengnan, Associate Professor, China University of Petroleum (Beijing)

Xia Jianxin, Professor, China University of Geosciences (Beijing)

Xie Peng, Professor, Sun Yat-sen University

Xu Wanhai, Professor, Tianjin University

Xu Jingyu, Researcher, Institute of Mechanics, Chinese Academy of Sciences

Xu Liangbin, Professor, Sun Yat-sen University

Yan Jun, Professor, Dalian University of Technology

Yang Kunde, Professor, Northwestern Polytechnical University

Yang Lele, Associate Professor, South China University of Technology

Yang Zhixun, Professor, Harbin Engineering University

Zhang Aman, Professor, Harbin Engineering University

Zhang Chi, Professor, Hohai University

Zhang Dahai, Professor, Zhejiang University

Zhang Jian, Professor, Jiangsu University of Science and Technology

Zhang Jianhua, Professor, Harbin Engineering University

Zheng Hao, Deputy Director of the Institute of Oceanography, Changsha Mining and Metallurgy Research Institute Co., Ltd

Zhou Binzhen, Professor, South China University of Technology

Zhu Daqi, Professor, University of Shanghai for Science and Technology

Zhu Hongjun, Professor, Southwest Petroleum University

V. Call for Papers

This conference will focus on the following topics:

A: Development of marine oil and gas and mineral resources

1. Subsea production system
2. Risers and pipelines
3. New ship and offshore platform
4. Smart ocean technology and application
5. Structure safety and reliability
6. Intelligent monitoring, operation and maintenance of ocean engineering equipment
7. Underwater survey and communication
8. Marine engineering test and numerical simulation technology

9. Marine resources mining technology and equipment

B: Underwater Equipment and Technology

1. Submersible
2. Underwater glider
3. Autonomous underwater vehicle, AUV
4. Remotely operated vehicle, ROV
5. Human-occupied vehicle, HOV
6. Autonomous and remotely operated vehicle, ARV
7. Robotic fish
8. Fish schooling
9. Underwater charging
10. Ocean monitoring and observing system

C: Marine renewable energy development

1. Renewable energy equipment such as offshore wind turbines, photovoltaic devices and wave energy converters
2. Development, monitoring, operation and maintenance of offshore renewable energy equipment
3. Grid connection of offshore renewable energy generation
4. Storage and conversion of offshore renewable energy
5. Integrated development of offshore renewable energy
6. Ocean-based renewable energy

VI. Paper Submission

1. The content of the paper should revolve around the conference topics, highlighting innovation and achievements in the fields of oil and gas resources, mineral resources, and renewable energy development, with significant academic and application promotion value. It should not have been published or presented in public publications or conferences both domestically and internationally. Please write in English.
2. The full paper (10 pages max.) and abstract (1 page max.) should be formatted in strict accordance with the template. The full paper and abstract template can be downloaded from the official website:

<http://www.sutchina.org/>, which is also the submission and registration website (title of submission: paper name + author + organization, WORD version).

3. Conveners for multiple thematic topics are requiring for the 14th International SUT (China) Technical Conference. If interested, please send a one-page resume (format not limited) to sut@cup.edu.cn. The final convener will be determined by the organizing committee.

4. Abstract submission deadline: September 15, 2025.

Full paper submission deadline: October 8, 2025.

Please send the abstract and full paper to sut@cup.edu.cn.

VII. Paper Publication

Those presenters may choose to write the full text of the report. Excellent papers will be recommended to be published in journals such as *Journal of Marine Science and Engineering*, *China Ocean Engineering*, *Journal of Hydrodynamics*, *Marine Energy Research*, *Marine Systems& Ocean Technology*, *Ocean and Costal Management* and *Journal of Harbin Engineering University*.

VIII. Schedule

2025 October 31st: Registration

2025 November 1st: Invited Keynote Presentations

2025 November 2nd: Technical Oral and Poster Sessions

2025 November 3rd: Visits and Excursions

IX. Conference Registration

1. Conference Fees

In person	Early Bird Ticket (before October 20, 2025)	Regular	3300 RMB
		Student	2100 RMB
	Regular Ticket (October 21, 2025-October 30,	Regular	3800 RMB

	2025)	Student	2500 RMB
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2. Payment Methods

- Bank transfer: Postscript note “SUT2025+Name+Organization”

Account name: 江苏金山湖酒店管理有限公司润宜文旅国际酒店分公司

(Jiangsu Jinshan Lake Hotel Management Co., Ltd. - Runyi Culture & Tourism International Hotel Branch)

Bank Account: 8110501013402610180

Name of account opening bank: 中信银行股份有限公司镇江京润支行

(China CITIC Bank Co., Ltd. Zhenjiang Jingrun Sub-Branch)

3. Issue Invoices

After payment, please fill in the invoice information as follows and send an email to 545192383@qq.com. The conference team will issue paper invoices to conference representatives during the conference period.

Invoice Type: <input type="checkbox"/> VAT general invoice <input type="checkbox"/> VAT Special Purpose Invoice			
Fully completed and verified as correct	Invoice Recipient:		
	Taxpayer Identification Number (TIN):		
	Address, Phone Number:		
	Bank & Account Number		
Email		phone number	

4. Attendee Information Registration

After completing the registration fee payment, please go to the official website of this session to register information (<http://www.sutchina.org/>).

5. Ticket Entitlement (Attendance in Person):

- Attend the opening ceremony and all forums during the conference.
- During the conference; one banquet, two dinners and three lunches.
- All tea breaks during the conference.

Note: Accommodation and transportation will be one's own expense.

6. Change of Registration

- Refund notice: If you are unable to attend the conference or cannot participate in the online conference after registration, the fee will not be refunded, but you can transfer the participation qualification to a colleague.
- [If you need to transfer your registration rights, please inform the organizing committee of the name, organization and contact information of the transferee via e-mail \[riyiwenlv@163.com\]\(mailto:riyiwenlv@163.com\) before October 20, 2025.](#)

7. Invitation Letter to Conference

If you need an invitation letter, please send an e-mail to riyiwenlv@163.com to inform the conference committee. The conference committee will provide a formal invitation letter to the conference representatives.

X. Accommodation

Type	Room Picture	Contractual Rate	Exterior
Deluxe king		380 RMB/Day	
Deluxe twin		380 RMB/Day	

1. Runyi Culture & Tourism International Hotel (formerly Jiuhua Jinjiang International Hotel) is the venue and agreement hotel for this conference.

2. King and Twin rooms include two buffet breakfasts.

3. **Hotel Reservation:**

Representatives attending the conference can contact hotel sales representative Sun Xin through phone, WeChat, and other means to make room reservations. Contact phone number: (+86)13921591315, WeChat: 532574345.

4. During the conference period, it is the peak season for hotel meetings, and there is a shortage of available rooms. To ensure your accommodation, please make a reservation in advance and reserve the corresponding room for you according to your booking requirements. If there are any changes before October 20, 2025, please contact the hotel sales representative Sun Xin to make the changes. Please arrive at the hotel on time according to the reservation time.

5. **Hotel address**

No. 66 Nanxu Avenue, Runzhou District, Zhenjiang City, Jiangsu Province, P.R.China



XI. Contacts

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	Sun Xin	(+86)13921591315	

General Chairman: Jiangsu University of Science and Technology,

Professor Ji Chunyan

Westlake University, Professor Cui Weicheng

China University of Petroleum (Beijing), Professor Zhang Yu

March 31, 2025

XII. Introduction

A. Introduction to Jiangsu University of Science and Technology

Jiangsu University of Science and Technology (JUST), located in Zhenjiang, Jiangsu Province, is a high-level university under the Jiangsu High-Level University Construction Initiative. It is co-established by the Jiangsu Provincial People's Government with the State Administration for Science, Technology and Industry for National Defense and the China State Shipbuilding Corporation Limited (CSSC).

Jiangsu University of Science and Technology (JUST), originating from the Shanghai Dagong Vocational School established in 1933, evolved through stages including Shanghai Shipbuilding Industry School, Zhenjiang Shipbuilding Institute, and East China Shipbuilding Institute, before being renamed Jiangsu University of Science and Technology (JUST) in 2004. Its motto is "Dedication to Learning, Cultivation of Virtue, Application of Knowledge, and Service to Society".

Jiangsu University of Science and Technology (JUST) ranks 139th among Chinese universities in the 2024 Chinese University Ranking, 138th in the latest Nature Index ranking of mainland Chinese universities, and 145th in the ESI discipline ranking domestically. It holds the 4th position in the TOP 100 Annual Contribution Ranking of Graduate Training Institutions in the China Graduate Innovation Practice Competitions and 67th in the 2023 National Undergraduate Competition Ranking. In 2023, the university's Fourth Party Congress set the long-term goal of becoming "a distinctive and internationally renowned high-level university". The university currently operates 4 postdoctoral research stations, 6 first-level doctoral degree programs, 1 professional doctoral degree program, 26 first-level master's degree programs, and 19 professional master's degree programs, with 5 National Defense Featured Disciplines. Five disciplines—Engineering, Materials Science, Chemistry, Computer Science, and Environment/Ecology—rank within the top 1% globally in ESI. It has received 3 National Teaching Achievement Awards, offering 76 undergraduate programs across 20 colleges, including 21 national first-class undergraduate programs, 15 national first-class undergraduate courses, 4 national characteristic specialties, 3 National Outstanding Engineer Education and Training Programs, and 16 Jiangsu provincial first-class undergraduate programs. With over 2,500 faculty and staff, and more than 31,000 students (undergraduate, graduate, doctoral, and international), JUST spans 3,979 mu across its Changshan Campus and Mengxi Campus in Zhenjiang, Zhangjiagang Campus, and a Shanghai Office.

Jiangsu University of Science and Technology (JUST) has established three distinctive academic pillars in naval architecture, marine sciences, and

sericulture. Renowned as the "Cradle of China's Naval Architects", it maintains the most comprehensive disciplinary coverage in shipbuilding-related fields among Chinese universities, with the largest alumni network and integrated applied strengths in the maritime industry. Its contributions to national strategic projects include the development of critical marine technologies, such as the "Haiyang Shiyou 981" deep-sea drilling platform, aircraft carriers (Liaoning, Shandong, Fujian), manned submersibles (Jiaolong, Fendouzhe), the "Tian Kun Hao" heavy-duty self-propelled cutter suction dredger, and the polar research vessel "Xuelong 2", significantly advancing China's maritime capabilities. The Sericulture Research Institute (affiliated with the Chinese Academy of Agricultural Sciences), the sole national-level sericulture R&D institution in China, serves as the Global Center for Mulberry and Silkworm Germplasm Resources, providing core silkworm varieties and cultivation technologies worldwide. Research achievements include two National Special Prizes for Scientific and Technological Progress, two National Second Prizes for Scientific and Technological Progress, and one National Second Prize for Technological Invention. As the primary contributor, it has earned one China Patent Silver Award, five provincial/ministerial first prizes, 22 second prizes, and 21 first prizes in national non-governmental science awards.



B. Host location

Zhenjiang, situated at the strategic confluence of the Yangtze River and the Grand Canal, is committed to building itself into a "hub for innovation and entrepreneurship and a picturesque garden city". Spanning 3,840 square kilometers with a population of 3.22 million, it administers three county-level cities (Danyang, Jurong, Yangzhong), three districts (Dantu, Jingkou, Runzhou), and two national-level development zones (Zhenjiang Economic and Technological Development Zone and Zhenjiang High-Tech Industrial Development Zone).

As a culturally renowned city with over 3,000 years of history, Zhenjiang has nurtured luminaries such as Yang Yiqing, Liu Xie, Ge Hong, Ma Xiangbo,

and Mao Yisheng, and preserves historic landmarks, literary classics like *Selections of Refined Literature* (*Zhaoming Wenxuan*), *The Literary Mind and the Carving of Dragons* (*Wenxin Diaolong*), and *Dream Pool Essays* (*Mengxi Bitan*). It holds titles including "National Historic and Cultural City" and "China's Outstanding Tourism City".

Zhenjiang is celebrated as an ecological city, integrating 235 hills, 63 rivers, and 25.6% forest coverage into its urban landscape. Recognized as a "City of Mountains and Forests", it is a National Ecological Civilization Pilot Zone, National Low-Carbon Pilot City, and "National Ecological City".

The city embodies humanitarian values, exemplified by legends like "Lady White Snake Flooding Jinshan" and "Liu Bei's Marriage at Ganlu Temple", patriotic tales such as "Liang Hongyu's Drum-Beating Battle at Jinshan" and "Jiaoshan's Anti-British Defense", and enduring virtues like "Ji Zha's Sword Hanging" and "Yafu's Agricultural Revival". It holds the "National Civilized City" title and the "Changan Cup" for social governance excellence.

A hub for industry, Zhenjiang hosts 9 national and provincial development zones, serving as a key advanced manufacturing base in the Yangtze River Delta and a core city in the Nanjing Metropolitan Area. It is home to 9 universities (including Jiangsu University and Jiangsu University of Science and Technology) and 20+ vocational colleges, with 7 railways, 6 expressways, the Zhenjiang Port (a national hub port), and Dalu General Airport—the first Category A general aviation airport in East China.

