



12th International SUT (China) Technical Conference

(The Fourth Notice)



Haikou, China
October 27-30, 2023

Offshore oil and gas and new 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 exploitation technology, promote international cooperation between Chinese and foreign universities, enterprises and research institutions, and further promote the cooperation and exchanges between universities and enterprises involved in maritime affairs in China, the 12th International SUT (China) Technical Conference will be held in Haikou, China, from October 27 to 30, 2023. 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 home 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 11 sessions have been successfully held in Shenzhen, Shanghai, Qingdao, Beijing, Haikou, Zhoushan, Changsha, Dalian and Qingdao, which have been highly recognized by experts and scholars.

With the theme of "Resources Development in the South China Sea", this conference will invite distinguished experts and scholars from dozens of universities, research institutes and enterprises in the field of marine engineering around the world to participate and discuss key topics such as underwater technology, ocean engineering equipment and development and utilization of ocean resources.

Hainan University, founded in 1954, is a comprehensive key university formed by the merger of the former South China Tropical Agricultural University and the former Hainan University. It is a university jointly established by the Ministry of Education and the Hainan Provincial People's Government, making it a national "double first-class" university. The university has an area of 4 square kilometers and 42,000 full-time students. It has 36 colleges, 13 doctoral programs in first-level disciplines and 1 professional doctoral program, 34 master programs in first-level disciplines, 21 professional master degree categories, 69 undergraduate programs, 6 post-doctoral research stations and 1 state key laboratory jointly built by the provincial and ministerial departments.

I. Time and Places

Time: October 27-30, 2023

Place: Haikou, China

II. Hosts and Organizers

Hosts: SUT China Branch

China University of Petroleum (Beijing)

Organizers: Hainan University

Co-Organizers: 2H Offshore, Dalian University of Technology, Harbin Engineering University, Hohai University, Jiangsu University of Science and Technology, Tsinghua University, Shanghai Ocean University, Shanghai Jiao Tong University, Tianjin University, Westlake University, Southwest Petroleum University, Zhejiang University, Zhejiang Ocean University, Ocean University of China, China University of Petroleum (East China), Sun Yat-sen University

III. Organizing Committee

Honorary Chairman:

Luo Qingming, Academician, President of Hainan University

Chairmen:

Shen Yijun, Professor, Hainan University, Dean of the School of Marine Science and Engineering of Marine Science and Engineering, Vice Director of State Key Laboratory of Marine Resources Utilization in the South China Sea

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

Vice Chairmen:

Yang Jin, Professor, President of Hainan Research Institute, China University of Petroleum (Beijing)

Liu Shujie, Chief Drilling and Completion Engineer, Vice General Manager, Hainan Branch of CNOOC (China) Co., Ltd

Guo Zhiqiang, Professor, Hainan University, Vice Dean of the School of Marine Science and Engineering of Marine Science and Engineering, Vice Director of State Key Laboratory of Marine Resources Utilization in the South China Sea

Tian Xinlong, Professor, Hainan University, Vice Dean of the School of Marine Science and Engineering of Marine Science and Engineering

Members:

Kang Zhenye, Professor, Hainan University

Xiao Juanxiu, Professor, Hainan University

Ren Nianxin, Professor, Hainan University

Huang Wei, Associate Research Fellow, Hainan University

Shi Xiaodong, Associate Research Fellow, Hainan University

Chen Xin, Associate Research Fellow, Hainan University

Miao Zhengpei, Associate Research Fellow, Hainan University

Ma Yongqi, Associate Research Fellow, Hainan University

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

Sun Ting, Assistant Research Fellow, China University of Petroleum (Beijing)

Secretaries:

Wang Tongyu, Du Yanlian, Li Meng, Han Xuanhe, Chen Xueyun, Yao Shuang, Zhang Ziqian

IV. Technical Committee

Chairmen:

Li Huajun, Academician, Ocean University of China

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

Vice Chairmen:

Cui Weicheng, Professor, Westlake University

Duan Menglan, Professor, Tsinghua University

Zheng Jinhai, Professor, Hohai University

Ji Chunyan, Professor, Jiangsu University of Science and Technology

Liu Yong, Professor, Ocean University of China

Frank Lim, Global Technical Advisor, 2H Offshore

Members:

Shahir Liew, Professor, University Technology Petronas (Malaysia)

Wan Decheng, Professor, Shanghai Jiao Tong University

An Weizheng, Chief Engineer of Mechanical and Electrical Instruments ,
Engineering Research and Design Institute of CNOOC Research Institute

Fu Shixiao, Professor, Shanghai Jiao Tong University

Zhang Aman, Professor, Harbin Engineering University

Gao Fuping, Research Fellow, Institute of Mechanics, Chinese Academy of
Sciences

Yan Jun, Professor, Dalian University of Technology

Liu Fushun, Professor, Ocean University of China

Chen Xuguang, Professor, Ocean University of China

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

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

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

Deng Xin, Vice Director of the Digital Professional Committee, CNOOC Energy
Development Co., Ltd

Dong Yehong, Discipline Leaders, CSSC Haizhuang Wind Power Co., Ltd

Li Zhichuan, Chief Expert of Wind Power, Clean Energy Company of CNOOC
Energy Development Co.,Ltd

Wang Jian, Manager of Low Temperature Business Unit, The 711 Research
Institute of China Shipbuilding Industry Corporation

Zhang Jianhua, Professor, Harbin Engineering University

Xu Liangbin, Professor, Sun Yat-sen University

Wang Fang, Professor, Shanghai Ocean University

Wang Facheng, Professor, Tsinghua University

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

Bai Xinglan, Professor, Zhejiang Ocean University

Xu Wanhai, Professor, Tianjin University

Zhang Jisheng, Professor, Hohai University
Liu Junpeng, Professor, China University of Petroleum (Beijing)
Tian Xinliang, Professor, Shanghai Jiao Tong University
Zhu Hongjun, Professor, Southwest Petroleum University
Peng Hao, Research Fellow, Hainan University
Zhang Jian, Professor, Jiangsu University of Science and Technology
Xie Peng, Professor, Sun Yat-sen University
Liang Xu, Professor, Zhejiang University
An Chen, Professor, China University of Petroleum (Beijing)
Zhang Chi, Professor, Hohai University
Lian Yushun, Professor, Hohai University
Wu Shengnan, Associate Professor, China University of Petroleum (Beijing)
Wang Yi, Associate Professor, China University of Petroleum (Beijing)
Fu Guangming, Associate Professor, China University of Petroleum (East China)
Yang Zhixun, Prospective Professor, Harbin Engineering University

V. Call for Paper

This conference will focus on the following topics (including but not limited to):

1. Marine resources mining technology and equipment
2. Underwater survey and communication
3. Design and installation for the system of offshore renewable energy
4. Marine engineering test technology
5. Subsea production system
6. New ship and deep water offshore platform
7. Risers and pipelines
8. Smart ocean technology and application
9. Structure safety and reliability

10. Intelligent monitoring, operation and maintenance of ocean engineering equipment
11. Marine transportation and storage technology for CO₂

VI. Keynote Lectures

Speaker	Affiliation	Presentation Title
Zhang Laibin	China University of Petroleum (Beijing)	Common Technologies of Offshore Wind Turbine Engineering
Cui Weicheng	Westlake University	Challenges of Science and Technology in the Development of the Third Generation Biomimetic Intelligent Fish-type Submersible
Yan Jun	Dalian University of Technology	Data-driven Evaluation and Design of High Performance Composite Flexible Pipes
Frank Lim	2H Offshore, UK	Ultra Deep Seabed Mining Vertical Slurry Transport Riser Pipe Choices
Deng Xin	CNOOC Energy Development Co., Ltd	Research and Application of FPSO Intelligent Operation Technology Based on Digital Twin
Zhang Jisheng	Hohai University	Local Scour Around a Jacket Foundation in Sandy Seabed
Liu Miaoer	CNOOC Gas & Power Group Co., LTD	Development and Extended Application of FLNG Tandem Offloading System
Dong Yehong	CSSC Haizhuang Wind Power Co., Ltd	Progress in Deep Sea Floating Wind Power Equipment Technology

Li Zhichuan	Clean Energy Company of CNOOC Energy Development Co.,Ltd	Integrated Development of Offshore Renewable Energy and Offshore Oil and Gas
Wang Wentao	The Administrative Center for China' Agenda 21	TBC
Zhang Aman	Harbin Engineering University	TBC
Jeom Kee Paik	University College London	TBC
Duan Menglan	Tsinghua University	TBC
Pan Guang	Northwestern Polytechnical University	TBC
Qin Hongde	Harbin Engineering University	TBC
Steve Hall	Ocean Consultancy (UK)	TBC
Shahir Liew	University Technology Petronas (Malaysia)	TBC

Wang Jian	The 711 Research Institute of China Shipbuilding Industry Corporation	TBC
Continuous updating...		

VII. Paper Submission

1. The content of the presentation shall relate to one or more of the conference topics, highlighting the innovation and achievement in the field of underwater technology and marine engineering equipment, and has important academic and technical application value. It should not have been published or presented in conferences at home and abroad. All presentations will be 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. Abstract submission deadline: ~~September 30, 2023;~~ **Extended to October 15 2023.**

Full paper submission deadline: ~~October 13, 2023;~~ **Extended to October 20, 2023.**

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

VIII. Paper Publication

Those presenters may choose to write the full text of the report. Excellent papers will be recommended to journals such as *China Ocean Engineering*, *Ocean and Coastal Management*, *Journal of Marine Science and Engineering*, *Modern Subsea Engineering and Technology*, *Mechanics in Engineering and The ocean engineering*.

IX. Schedule

October 27, Registration

October 28, Invited Keynote Presentations

October 29, Technical Oral and Poster Sessions

October 30, Visits and Excursions

X. Conference Registration

1. Conference Fees

In person	Early Bird Ticket (before September 18, 2023) (Extended to September 30, 2023)	Regular	3300 RMB
		Student	2100 RMB
	Regular Ticket (October 1, 2023-October 30, 2023)	Regular	3800 RMB
		Student	2500 RMB

2. Payment Methods

- Bank transfer: Postscript note "SUT2023+Name+ Organization "
Company name: Hainan Tengtu Industrial Co., Ltd
Bank Account: 265039212353
Name of account opening bank: Bank of China Haikou Haidian Branch
Business Department
- WeChat payment: scan QR code (Indicate "SUT2023+Name+ Organization ")



3. Issue Invoices

Scan the QR code to issue an electronic invoice. To ensure that the invoice issued matches the amount of payment and the recipient, please fill in the correct unit, e-mail and name information.



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4. Attendee Information Registration

Once the registration fee has been paid, please go to the official website: <http://www.sutchina.org> for registration information.

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 771654267@qq.com before October 20, 2023.

7. Invitation Letter to Conference

If you need an invitation letter, please send an e-mail to 771654267@qq.com to inform the conference committee. The conference committee will provide a formal invitation letter to the conference representatives.

XI. Accommodation

Type	Room Picture	Contractual Rate	Hotel Exterior
Superior Garden View King Room/ Twin Room		400RMB/Day	

1. Eadry Royal Garden Hotel Haikou is the venue and agreement hotel for this conference.
2. King and Twin rooms include two buffet breakfasts.
3. Hotel Reservation

Delegates can contact Chen Xueyun of conference committee by phone, e-mail or wechat to make hotel reservation. Contact number: 15348872366, e-mail: 771654267@qq.com, wechat: onyxhc.

4. During the conference period will coincide with the peak tourist season, the number of rooms is limited. In order to reserve your accommodation, please book in advance. Reserve the corresponding room for you according to your order requirements, please contact conference committee for changes before October 20, 2023. After that, we will no longer process the changed information, please arrive at the hotel on time according to the reservation time.

5. Hotel address

No.188, Haiyu Avenue, Meilan District, Haikou, China.

16.3 Km from Haikou East Train Station; 4.4 Km from Haikou Meilan Train Station; 4.7 Km from Haikou Meilan International Airport.



XII. Contacts

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Chen Xueyun 15348872366

Yao Shuang 15025408330

Contact Email: SUT@cup.edu.cn

Chairman of SUT China Branch: Professor Zhang Yu

Executive Chairman: Professor Shen Yijun

September 24, 2023