



大连理工大学  
DALIAN UNIVERSITY OF TECHNOLOGY

# **10th International SUT (China) Technical Conference**

**(Third Notice)**



**Dalian, China**  
**October 22-25, 2021**

Ocean mineral and hydrocarbon deposits are major resources to ensure a sustainable industrial development in the future. In order to provide an open platform for the advancement of global marine resources exploration and development technology, the 10<sup>th</sup> International SUT (China) Technical Conference will be held in Dalian, China, from October 22 to 25, 2021. 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 underwater technology, 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 marine engineering. The SUT Technical Conference was initiated by SUT China Branch and 9 sessions have been successfully held since 2012 in Shenzhen, Shanghai, Qingdao, Beijing, Haikou, Zhoushan and Changsha, which have been highly recognized by experts and scholars.

The theme of this technical conference is "Ships and Marine Engineering Equipment". The conference will be hosted by Dalian University of Technology, co-hosted by China University of Petroleum-Beijing, and supported by universities and research institutions such as Chinese Society of Mechanics, Liaoning Provincial Society of Mechanics, etc. Distinguished experts in the field of offshore engineering will be invited from the UK, Singapore, Brazil, Malaysia, South Korea, Russia and other foreign countries. Scholars and practicing engineers from China National Offshore Oil Corporation, Harbin Engineering University, Shanghai Jiao Tong University, Zhejiang University, South China University of Technology, Northwestern Polytechnical University, Ocean University of China and Zhejiang Ocean University attended the previous conferences. This conference will be an international and authoritative meeting of domestic and international experts and scholars on key topics such as underwater technology, intelligent manufacturing and monitoring of marine engineering equipment, construction of marine big data platform, and sustainable utilization of future marine engineering equipment and resources.

Dalian, the young romantic city where the conference will be held, is full of vitality, open-minded and enthusiastic, and the spirits of inheritance and pioneering is the embodiment of the northeast culture. The host Dalian University of Technology is a national key university and a world-class

university with 14 academicians of the Chinese Academy of Sciences. Equipped with State key Laboratory of Industrial Equipment Structure Analysis, State Key Laboratory of Coastal and Offshore Engineering, Ship Manufacturing National Engineering Research Center, Laboratory of Ocean Energy Utilization and Energy Conservation, etc., Dalian University of Technology serves as China's important training base of marine equipment technology talents, and platforms for marine science & technology research & development, and international cooperation & exchange.

## **I. Time and Places**

**Time:** October 22-25, 2021

**Place:** Dalian, Liaoning province

## **II. Host and Co-Organizers**

**Hosts:** SUT China Branch  
Dalian University of Technology  
China University of Petroleum-Beijing

### **Supporting Organizations:**

Liaoning Society of Theoretical and Applied Mechanics  
Dalian Association for Science and Technology  
State Key Laboratory of Structural Analysis for Industrial Equipment  
State Key Laboratory of Coastal and Offshore Engineering  
Subject Innovation and Talent Recruitment Base of Numerical Simulation and Optimization in the Forming Engineering of Rubber and Plastic Products  
Ningbo Institute of Dalian University of Technology

## **III. Organizing Committee**

**Chairman:** Frank Lim

**Executive Chairman:** Yan Jun

**Vice Chairmen:** Wu Wenhua, Zhao Yan, Niu Bin

**Members:** Gu Qingmei, Jia Yaling, Lu Qingzhen, Zhen Xingwei, Yang Zhixun,  
Duan Zunyi, Yan Kun, Ye Hongfei

**Secretaries:** Su Qi, Bu Yufeng, Li Wenbo, Du Hongze, Zhang Jiayu, Xu  
Dongsheng

## **IV. Technical Committee**

**Chairman:**

Zhong Wanxie, Academician, Dalian University of Technology

Cheng Gengdong, Academician, Dalian University of Technology

**Vice Chairmen:**

Cui Weicheng, Professor, Westlake University

Yue Qianjin, Professor, Dalian University of Technology

Xie Bin, Professor, CNOOC Research Institute

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

Frank Lim, Adviser, 2H Offshore

**Members:**

Duan Menglan, Professor, China University of Petroleum-Beijing

Teng Bin, Professor, Dalian University of Technology

Huang Yi, Professor, Dalian University of Technology

Zou Li, Professor, Dalian University of Technology

Ning Dezhi, Professor, Dalian University of Technology

Yan Jun, Professor, Dalian University of Technology

Lou min, Professor, China University of Petroleum-East China

Li Qingping, Chief Engineer, CNOOC Research Institute

Zhang Dagang, President, DMAR Engineering-Qingdao

Gong Shunfeng, Professor, Zhejiang University

Xu Wanhai, Professor, Tianjin University

Bai Xinglan, Professor, Zhejiang Ocean University

Zhang Yu, Professor, China University of Petroleum-Beijing

Chang Yuanjing, Professor, China University of Petroleum-East China

Tian Xinliang, Professor, Shanghai Jiao Tong University

Liang Xu, Professor, Zhejiang University

An Chen, Professor, China University of Petroleum-Beijing

Fu Guangming, Professor, China University of Petroleum-East China

Tang Minggang, Vice Director, The 702 Research Institute of China Shipbuilding Industry Corporation

Yang Zhixun, Professor, Harbin Engineering University

Xie Peng, Professor, Sun Yat-sen University

Duan Zunyi, Professor, Northwestern Polytechnical University

Chen Jinlong, Senior engineer, Dalian University of Technology-Ningbo Research Institute

Zheng Hao, Vice Director, Changsha Research Institute of mining and Metallurgy

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## V. Call for Paper

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

1. Gas hydrate mining technology and equipment
2. Coastal technology and ocean engineering
3. Offshore petroleum engineering
4. Offshore Renewable Energy Design and Installation
5. Marine engineering test technology
6. Subsea production system
7. New ship and deep water offshore platform
8. Risers and pipelines
9. Intelligent manufacturing of marine engineering equipment
10. Construction and application of ocean big data platform
11. High performance materials
12. Structure, safety, reliability
13. Intelligent monitoring and operation & maintenance of marine engineering equipment
14. LNG marine mining equipment technology

## VI. Keynote Lectures

Speaker	Affiliation	Presentation Title
Andrew Lipman	ABS (China) Ltd.	Seafloor Sediment Plumes and other Regulatory Challenges for Seabed Mining
Rob Martens	3D Strategies	Using 3D Printing in Intelligent Manufacturing of Marine Engineering Equipment
Shreenaath Natarajan	2H Offshore	Strategies for Offshore Wind Turbine Foundations
Hu Zhiqiang	Newcastle University	TBC
Continuous updating...		

## VII. Paper Submission

1. All presentations will be in English.
2. 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.
3. The abstract format can be found at <http://sut2021.aconf.cn/index.html>, which is also the submission and registration website (file name format: paper name + author + organization, WORD version).
4. Abstract submission open: May 1, 2021.
5. Abstract (1 page max.) submission deadline: September 15, 2021.  
Full paper (10 pages max.) submission deadline: October 15, 2021.  
Please send the abstract and full paper to [SUT@cup.edu.cn](mailto:SUT@cup.edu.cn).

## VIII. Paper Publication

Those presenters who wish to write and publish a paper can do so for review and possible publication in *China Ocean Engineering* (SCI, EI index), *The Ocean Engineering* (Core, CSCD index), *Theoretical and Applied Mechanics* (EI, Core index).

## IX. Schedule

**October 22**, Registration

**October 23**, Invited Keynote Presentations

**October 24**, Technical Oral and Poster Sessions

**October 25**, Visits and Excursions

## X. Conference Registration

**1. Registration Address:** <http://sut2021.aconf.cn/register.html>

### 2. Conference Fees

In person	Early bird (before September 15, 2021)	Regular	3300 RMB
		Student	2100 RMB
	Standard (September 16, 2021 - October 25, 2021)	Regular	3800 RMB
		Student	2500 RMB

### 3. 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.

#### 4. Change of Registration

If you are unable to attend the conference after registration, the fee will not be refunded, but you can transfer your registration to a colleague. Please inform the organizing committee of the name, organization and contact information of the transferee via email [SUT@cup.edu.cn](mailto:SUT@cup.edu.cn) before August 15, 2021.

### XI. Accommodation

Name	Type	Contractual Rate	Distance
Dalian International Finance Conference Center Hotel	Deluxe King Room	550 yuan	0 km
Dalian International Finance Conference Center Hotel	Deluxe Twin Room	550 yuan	0 km

- Dalian International Finance Conference Center Hotel is the venue hotel for this conference.
- Dalian International Finance Conference Center Hotel is the agreement hotel for this conference.
- One buffet breakfast voucher in a king-size room and two buffet breakfast vouchers in a twin room.
- 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 customer service for changes before September 30, 2021. After that, we will no longer process the changed information, please arrive at the hotel on time according to the reservation time.
- Booking method: Please book by yourself through the following QR code. If you have any questions, please contact: +86 15734110116.  
QR code:





- Notice: For your convenience to check your order in the future, you need to follow the WeChat official account of "Tonghui Business Exhibition". You can click the member center-click follow-long press the QR code-click "Tonghui Business Exhibition"-click the upper right corner to follow, then the follow is successful.
- Hotel address  
68 Binhai West Road, Dalian, Liaoning, China.  
16.31 km to Dalian Zhoushuizi International Airport, 10 km from Dalian Railway Station, 10 km from Dalian North Railway Station.



## XII. Contacts

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Organizing Committee of 10<sup>th</sup> SUT (China) Technical Conference

Chairman: Frank Lim

Executive Chairman: Yan Jun

August 24, 2021