

10th International SUT (China) Technical Conference

(First 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 10th International SUT (China) Technical Conference will be jointly 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. 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

IV. 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://www.sutchina.org/>, 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: August 15, 2021.
Full paper (10 pages max.) submission deadline: September 15, 2021.
Please send the abstract and full paper to SUT@cup.edu.cn.

V. 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).

VI. Schedule

October 22, Registration

October 23, Invited Keynote Presentations

October 24, Technical Oral and Poster Sessions

October 25, Visits and Excursions

VII. Conference Registration

1. Registration Address: <http://www.sutchina.org/>

2. Conference Fees

In person	Early bird (before August 15, 2021)	Regular	3300 RMB
		Student	2100 RMB
	Standard (August 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 before August 15, 2021.

VIII. Contacts

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Organizing Committee of 10th SUT (China) Technical Conference

Chairman: Frank Lim

Executive Chairman: Yan Jun

May 7, 2021