

12th International SUT (China) Technical Conference

(First 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. The school implements the strategy of opening up to the outside world, gives full play to the advantages of Hainan Free Trade Port in opening up to the outside world, and gradually forms an opening to the outside world school-running pattern that focuses on serving the educational cooperation and exchange of the "Belt and Road" and features deep cultivation in tropical countries and regions.

Haikou, the host of the conference, is a southern coastal city with beautiful coastal scenery, fresh air, spring seasons, and the charming seascape. There are "mangrove" sea forest, "crater" volcano wonders and other natural landscapes, as well as many famous historical and cultural sites. Haikou is famous in China for its delicious fresh seafood, which attracts a large number of tourists from China and abroad.



I. Time and Places

Time: October 27-30, 2023

Place: Haikou, Hainan province

II. Host

Hosts: SUT China Branch

China University of Petroleum (Beijing)

Hainan University

III. 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

IV. 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. For the full paper (10 pages max.) and abstract (1 page max.), please refer to the official website: <http://www.sutchina.org>, which is also the submission

and registration website (file name format: paper name + author + organization, WORD version).

3. Abstract submission open: July 1, 2023.
4. Abstract submission deadline: September 30, 2023.

Full paper submission deadline: October 13, 2023.

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

V. 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 *China Ocean Engineering*, *Mechanics in Engineering*, *Ocean Engineering* and *Modern Subsea Engineering and Technology*.

VI. Schedule

October 27, Registration

October 28, Invited Keynote Presentations

October 29, Technical Oral and Poster Sessions

October 30, Visits and Excursions

VII. Contacts

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Chairman of SUT China Branch: Professor Zhang Yu

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May 15, 2023