

5th China Ocean Technology Conference

Main Topics and Subtopics -- Call for Papers

Organizers:

Ocean College of Zhejiang University

Committee of Ocean Technology System (OTS), Chinese Society for Oceanography

Supporting Organizations:

Zhejiang Ocean University

Society for Underwater Technology China Branch (SUT China)

IEEE OES Shanghai Chapter

Together Expo Limited

Chairman of the Conference Organizing Committee:

Dr. Wong Ho Choi

hchuang@zju.edu.cn

Organizing Committee Contact:

Ms. Dong Yu

yudong@zju.edu.cn

Please submit the summary of the report by email or website before March 15, 2021

* Sensors and observation technologies

- Dr. Huang Hui, huih@zju.edu.cn

optical sensors | marine biological sensing technology | electrochemical sensing technology | seabed observation network technology | in-situ observation | signal processing | etc.

* Underwater communication, positioning and navigation technologies

- Dr. Wang Delin, delinwang@zju.edu.cn

acoustic sensors | marine communications and systems | underwater communications and networks | cross-border information transmission | underwater positioning and navigation | underwater target detection and recognition | underwater environment information telemetry | deep-sea detection positioning and navigation | non-acoustic underwater communication and positioning navigation | etc.

* Smart ocean technologies

- Dr. Yulin Si, yulinsi@zju.edu.cn

ocean intelligent perception technology | ocean intelligent vision | ocean equipment intelligent control | ocean multi-agent cluster collaboration | autonomous target discovery | AI in ocean technology applications | etc.

* New concepts submersible technology

- Dr. Lin Yuan, samylin@zju.edu.cn

AUV | ROV | Glider | underwater helicopter | bionic submersible | etc.

* Ocean energy technology

- Dr. Zhang Dahai, zhangdahai@zju.edu.cn

wave energy | tidal energy | offshore wind power | temperature difference energy | deep-sea in-situ supply | etc.

* Ocean operations technology

- Dr. Chen Jiawang, arwang@zju.edu.cn

sampling and processing technology | mobile and fixed platform special technology | underwater archaeology technology | rescue and salvage technology | seabed in-situ operation technology | polar operation technology | underwater hydraulic technology | operation manipulator | deployment and recovery technology | operations technology under complex environmental conditions | etc

* Modern ocean ranching technology

- Dr. Fan Wei, wayfan@zju.edu.cn

artificial habitat creation technology | artificial reef technology | artificial upwelling | artificial downflow | marine pasture equipment technology | pasture underwater monitoring technology | marine ranch management Technology | etc.

* Polar ocean technology

- Dr. Hangzhou Wang, hangzhouwang@zju.edu.cn

polar ocean/sea ice remote sensing | field, navigation observation and equipment technology | polar operations technology | etc

* Ocean hydrodynamics and propulsion technologies

- Dr. Huang Bin, binhuang@zju.edu.cn

hydrodynamic design of submersibles and unmanned surface craft | underwater propulsion technology | hydrodynamic design of special auxiliary equipment | numerical prediction and experiment technology | etc.

Details

[Zhejiang University internet announcement - Chinese](#)