

Fourth ISOPE Underwater Technology Symposium
at the 29th Annual International Ocean and Polar Engineering Conference
Honolulu, Hawaii, USA, June 16–21, 2019

First CALL FOR PAPERS

Technical session and symposium on underwater systems will be held at the annual conference of ISOPE-2019. The technology of underwater systems is the key to global environmental issues or energy and resources survey and recovery. This symposium deals with broad-ranging topics about underwater systems including design and operation, propulsion, maneuverability of ROV, AUV, UUV, towing vehicles and oceanfloor vehicles. Related technologies such as USV, control system synthesis, positioning, navigation, underwater acoustic communication and imaging are also discussed.

The organizing committee cordially invites scientists and engineers from academia and industry to share their latest advancements. Papers are required for peer-review prior to final acceptance. Conference Proceedings are INDEXED by Engineering Index, Compendex, Scopus, Thomson ISTP, Fluidex and more.

Suggested Technical Topics

- **Design & operation of underwater vehicles**
- **AUV, UUV design & operation**
- **ROV design & operation**
- **USV design & operation**
- **Robots, robotics & control**
- **Propulsion of underwater systems**
- **Positioning & navigation of underwater systems**
- **Control system synthesis for underwater systems**
- **Motion control & maneuverability of underwater systems**
- **Acoustic communication & imaging**
- **Exploration, survey & sensing**

Symposium Organizing Committee:

Prof. Masakazu Arima, Osaka Prefecture Univ, arima@marine.osakafu-u.ac.jp
Dr. Mario Felli, CNR-INSEAN, mario.felli@cnr.it
Dr. Shojiro Ishibashi, JAMSTEC, sisibasi@jamstec.go.jp
Dr. Giacomo Marani, West Virginia University gmarani@gmail.com
Prof. Masahiko Nakamura, RIAM, Kyushu Univ, naka@riam.kyushu-u.ac.jp
Prof. Hiroyoshi Suzuki, Osaka University suzuki_h@naoe.eng.osaka-u.ac.jp
Prof. Shuo Wang, Institute of Automation, CAS, shuo.wang@ia.ac.cn
Prof. Guohua Xu, Huazhong Univ of Sci and Tech, hustxu@mail.hust.edu.cn
Prof. Satoru Yamaguchi, Kyushu University, yama@nams.kyushu-u.ac.jp
Prof. Giuseppe Conte, Università Politecnica Delle Marche, gconte@univpm.it
Prof. Jin S Chung, ISOPE, jschung@isope.org

Key Dates:

- **Abstracts Submission: October 20, 2018**
- **Manuscript for Review: Jan. 15, 2019**
- **Final Manuscript due: March 24, 2019**



Interested authors should send abstracts to one of the organizing committee members or

<http://www.isope.org/index.php/online-submission/>.

The abstracts MUST include the contact author's postal address, telephone and fax numbers, and e-mail address to facilitate communications.