

HALIFAX, CANADA 6-8 NOVEMBER 2017

The International Conference on Underwater and Networks and Systems



Call for Papers

The 2017 WUWNet is the premier venue for research and development of real-time, in-situ sensing and actuation networking. The conference spans three days, including keynote speeches, plenary talks, technical presentations, posters and demos.

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Topics of interest (but not limited to)

- Underwater network and system architectures
- Underwater communications (including acoustic, optical, RF, and wired, etc.), with techniques from the physical layer to the application layer
- Underwater acoustic modeling and signal processing
- Cooperative underwater communications, including, PHY, MAC, routing, and data transfer, etc.
- Networked underwater robotics and systems, including those for localization, navigation, security, communication & coordination, or human operator interaction
- Coordinated energy harvesting systems and power systems for underwater networks and systems
- Energy-efficient algorithms, and protocol design for underwater networks
- Underwater signal/image processing and communication systems
- Operating system and middleware support for underwater networks and systems
- Applications that broadly address underwater networks and systems, including coordinated underwater vehicles
- Modeling, simulation, and testbeds for underwater systems and platforms
- Experimental results from underwater networking, signal/image processing and communications field trials
- Application requirements for underwater networks, signal/image processing and communication systems presented by end users
- Interaction and integration of underwater networked systems with terrestrial and aerial networking

Important Dates (UPDATED)

Paper registration: August 14, 2017

Paper submission: August 21, 2017

Acceptance notification: September 18, 2017

Camera-ready date: September 24, 2017

Extended abstract submission: Sep 11, 2017

Acceptance notification: September 18, 2017

Camera-ready date: September 24, 2017

Submission Guidelines

Submissions for technical papers must describe original research, not published in other workshops, conferences, journals, or magazines.

The conference accepts full, short papers, extended abstracts and tutorial proposals. It will also include a work-in-progress poster/demo session.