

Call for Papers

Dear fellow researchers,

We are excited to announce that WUWNET 2021 will be held in Shenzhen, Guangdong, China November 22-24 with virtual participation enabled. Recognized as a global leading maritime city and China's Silicon Valley, Shenzhen is one of the most fast growing cities in China, making it an ideal location for the conference. WUWNET 2021 will offer both in-person and virtual sessions. Even though WUWNET has been postponed due to the pandemic in 2020, WUWNET 2021 will continue to serve as a premier venue for sharing the state-of-the-art research and development of underwater networks and systems. Through the hybrid format, the conference aims to bring together leading scientists and entrepreneurs from all over the world and disseminating exciting new research breakthroughs. The specific conference dates and venue will be determined soon. Please stay tuned and more detailed conference information will be announced at <https://wuwnet.acm.org/2021/>.

As with previous conferences, we invite academia and industry participants from a broad range of backgrounds relevant to underwater sensing, communications, networking, robotics, systems, and applications to participate in the conference. Specific topics include, but are not limited to:

- Underwater network and system architectures
- Underwater communications (including acoustic, optical, MI, RF, and wired)
- Underwater channel modeling and signal processing
- Cooperative underwater communications, including, PHY, MAC, routing, and data transfer
- Community data infrastructure and public datasets
- Networked underwater robotics and systems, such as localization, navigation, security, communication, coordination, and human operator interaction
- Coordinated energy-harvesting systems and power systems for underwater networks and systems
- Energy-efficient algorithms and protocol design for underwater networks as well as signal/image processing and communication systems
- Operating system and middleware support for underwater networks and systems
- Applications that address underwater networks and systems, including coordinated underwater vehicles
- Modeling, simulation, testbeds, and standardization for underwater systems and platforms
- Experimental results from underwater networking, signal/image processing, and communications field trials, especially in extreme environments
- 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:

Paper registration:	July 24, 2021
Paper submission:	July 31, 2021
Acceptance notification:	August 31, 2021
Camera-ready date:	September 15, 2021

<https://wuwnet.acm.org/2021/>