WUWNet'12

7th ACM International Conference on Underwater Networks & Systems

http://wuwnet.org • November 5-6, 2012 • Los Angeles, California, USA

WUWNet is the premier venue for researchers and practitioners in areas relevant to underwater networks and *network-related signal processing, communications, systems, and applications*. Best papers accepted to WUWNet will be fast-tracked to a Special Issue of Ad Hoc Networks (Elsevier).

Topics of interest include, but are not limited to:

- Underwater network and system architectures
- Efficient 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.
- Services for underwater systems, such as localization, synchronization, navigation, security, etc.
- Communication & coordination for underwater vehicles and sensor nodes, 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 and 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 field trials & tests
- Application requirements for underwater networks and systems presented by end users

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 and extended abstracts. It will also include a work-in-progress poster/demo session which allows a much later submission. Please see the conference website for definitive formatting and submission guidelines.

Important Dates

Full and Short Papers

Paper registration:	June 20, 2012
Paper submission:	June 30, 2012
Acceptance notification:	Aug. 30, 2012
Camera-ready:	Sept. 30, 2012

Extended Abstracts

Abstract submission:	Aug. 15, 2012
Acceptance notification:	Sept. 15, 2012
Camera-ready:	Sept. 30, 2012

Organizers

General Chair:
Mario Gerla (Univ. of California, Los Angeles, USA)
T.C. Yang (Nat. Sun Yet-sen Univ., Taiwan)

Program Committee Chairs:
Liuqing Yang (Colorado State Univ., USA)
Tommaso Melodia (SUNY Buffalo, USA)

Publicity Chairs:
Wei Cheng (Univ. of California, Davis, USA)
Roberto Petroccia ('Sapienza' Univ. of Rome, Italy)
Fengzhong Qu (Zhejiang University, China)

Travel Grant Chairs:
Payman Arabshahi (Univ. of Washington, USA)
Dario Pompili (Rutgers Univ., USA)

Miscellaneous

Various financial supports for travel will be available.

Tours after the conference will be organized and/or facilitated if there is interest to visit California, and other attractions, e.g., Las Vegas and Grand Canyon, in USA.