



WUWNET07

CALL FOR PAPERS The Second ACM International Workshop on Underwater Networks



in conjunction with **ACM MobiCom 2007**
September 14, 2007, Montreal, Quebec, Canada
sponsored by [ACM SIGMOBILE](http://www.sigmobile.org)
<http://wuwnet07.engr.uconn.edu>

Important Dates:

Submission deadline: **May 11, 2007**
Acceptance notification: **June 16, 2007**
Camera-ready: **June 30, 2007**
Workshop date: **September 14, 2007**

General Co-chairs:

Ian F. Akyildiz (Georgia Tech.)
David H. Du (U. of Minnesota/NSF)

Technical Program Co-chairs:

Robert H. Headrick (ONR)
Michele Zorzi (U. of Padova, Italy)

Steering Committee:

Ian F. Akyildiz (Georgia Tech.)
Jun-Hong Cui (U. of Connecticut, Chair)
David H. Du (U. of Minnesota/NSF)
Kevin Fall (Intel Research, Berkeley)
John Heidemann (USC/ISI)
Urbashi Mitra (USC)
Milica Stojanovic (MIT/WHOI)

Publicity Co-Chairs:

Qilian Liang (UT Arlington)
Dario Pompili (Georgia Tech.)

Work-In-Progress Poster Co-Chairs:

Volkan Rodoplu (UCSB)
Wei Ye (USC/ISI)

Demo Co-Chairs:

Payman Arabshahi (U. of Washington)
Geoffrey Xie (Naval Postgrad School)

Finance Chair:

Shengli Zhou (U. of Connecticut)

Technical Program Committee:

Announced at the workshop website

Overview

The goal of the proposed workshop is to bring together researchers and practitioners in areas relevant to underwater networks. Thus, many layers of the "stack" from the physical layer to the application layer will be represented. The objective is to serve as a forum for presenting state of the art research, exchanging ideas and experiences, and facilitating interaction and collaboration. The workshop will span one day, including presentations of technical papers, keynote speeches, a panel session and a poster/demo session. Submissions for technical papers should describe original research, not published or currently under review for other workshops, conferences, or journals.

Topics of interest include, but are not limited to:

- Network architecture design
- Efficient acoustic communications
- Cooperative underwater communications
- Medium access control
- Routing and forwarding
- Reliable data transfer
- Security and robustness
- Data storage and management
- Power and resource management
- Localization and synchronization
- Data fusion, dissemination, tracking
- Network modeling and simulations
- Network planning and deployment
- New techniques for aquatic applications
- New applications for underwater networks
- Testbed and systems: real-world experiences and lessons

Submission Guidelines

All paper submissions will be handled electronically. Papers must be in PDF format, no longer than 8 pages for full papers (4 pages for short papers), and must follow ACM single-space, double-column format, 10 pt. Submitted papers will be judged based on their quality and novelty through a rigorous review process. All accepted papers will appear in the workshop proceedings. Detailed instructions for paper submission will be posted on the workshop website.