

### Important Dates

Paper Submission Deadline: **April 16, 2007**

Notification of Acceptance: **May 28, 2007**

Camera-Ready Submissions: **June 7, 2007**

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## The 2<sup>nd</sup> International Workshop on Advances in Wireless Sensor Networks 2007 (IWASN 2007)

Aug 6th, 2007 - Philadelphia, PA, USA

<http://www.iwasn.org>

The 4th Annual International Conference on Mobile and Ubiquitous Systems:  
Computing, Networking and Services  
(MOBIQUITOUS 2007)

<http://www.mobiquitous.org/>

*Accepted papers will be published in the conference proceedings  
and the IEEE Digital Library*

### Scope of the Workshop

The 2nd International Workshop on Advances in Wireless Sensor Networks (IWASN 2007) will bring together researchers from academia, industry and government to present and discuss recent work in this emerging field. IWASN draws upon many disciplines including signal and information processing, communication and information theory, networking and protocols, distributed and wireless computing, cooperative computing, array processing, machine learning, embedded systems design and information management.

### Topics include, but are not limited to, the following:

- Communications and Signal Processing in WSN, including:
  - Distributed, Collaborative, Arrayed, MIMO, Opportunistic Techniques
  - Network Coding, Low Power Transceiver Design, Channel Modelling/Estimation
- Power Management, Energy Efficiency, Low & Ultra Low Power WSN
- Resource Management in WSN
- Localisation, Tracking and Surveillance
- Location-Aware WSN and Mobility Issues
- Power-Aware WSN
- Physical, Data-Link, Network Layers and Cross-Layer Integration and Optimisation for WSN
- Topology Control and Coverage
- UWB and UWB-MIMO WSN
- Synchronisation Issues in WSN
- Advanced Scalability Issues
- Security and Manageability in WSN
- Experimental and Practical WSN
- Application-Based WSN

### Why should you participate in this workshop?

WSN have been an active research area in recent years. As more and more practical applications of sensor networks continue to emerge, the advances of WSN start to attract new interest. This workshop is an ideal platform to share a vision of where we are heading, interact and strongly advocate an exciting new avenue for researchers and practitioners in the field of communications. Further, the final program would consist of carefully selected - with at least three peer reviews - and high quality submissions with a large emphasis on new ideas rather than incremental contributions to the field. Submissions of shorter versions of full papers that can be submitted to other conferences/journal in the near future are discouraged.

### Workshop Registration

Registration for the workshop will be handled through the registration process of [Mobiquitous](#).

### How to submit a paper?

Paper submission will be handled electronically by the COCUS Conference Management System. For formatting guidelines and submission instructions, please go to our website: <http://www.iwasn.org>.