



in conjunction with  
IEEE [PerCom 2005](http://www.percom.org)

## First International Workshop on Sensor Networks and Systems for Pervasive Computing (PerSeNS 2005)

<http://www.ing.unipi.it/persens2005/>  
March 8, 2005 - Kauai Island, Hawaii



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Wireless sensor networks are expected to be the basic building block of pervasive computing environments. Aggregating sensor nodes into sophisticated sensing, computational and communication infrastructures to form wireless sensor networks will have a significant impact on a wide array of applications ranging from military, to scientific, to industrial, to health-care, to domestic, establishing ubiquitous computing that will pervade society and redefine the way in which we live and work.

The goal of this workshop is to provide a forum to exchange ideas, discuss solutions, and share experiences among researchers, professionals, and application developers both from industry and academia. Original papers addressing both theoretical and practical aspects of sensor networks are solicited. Papers describing prototype implementations and deployment of sensor networks and systems are particularly welcome.

Topics of interest include but are not limited to:

- Sensor-based systems and applications
- Operating systems
- Middleware and software tools
- Networking architectures and protocols
- Location and mobility management
- Topology control and time synchronization
- Data gathering, aggregation and dissemination
- Intelligent sensors
- Power Management and energy-efficient design
- Cross-layer architectures
- Security and dependability issues
- Modeling and performance evaluation
- Measurements

Papers should contain original material and not be previously published, or currently submitted for consideration elsewhere. Manuscripts must be limited to **5 pages** in IEEE 8.5x11 conference format, and formatted in accordance with the IEEE Computer Society [author guidelines](#). All submissions will be handled electronically. Authors should prepare a PDF file and submit it to [persens2005@ing.unipi.it](mailto:persens2005@ing.unipi.it). Accepted papers will be published by the **IEEE Computer Society** in the combined PerCom 2005 workshop proceedings.

### Workshop co-organizers

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### Important Dates

Papers due  
Notification of acceptance  
Camera-ready papers due

**Sept. 15, 2004**  
**Nov. 15, 2004**  
**Dec. 18, 2004**