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**8th International Workshop on  
Sensor Networks and  
Systems for Pervasive  
Computing  
PerSeNS 2012**

<http://www.ing.unipi.it/persens/>



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University of Central Florida, USA  
**Alessio Vecchio**  
University of Pisa, Italy  
**Massimo Vecchio**  
University of Vigo, Spain

Thanks to wireless sensor networks, pervasive computing environments are becoming a reality. Wireless sensor networks are aggregates of sensor nodes into sophisticated sensing, computational and communication infrastructures. These new networks are having a significant impact (and promises to have even more) 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 and experimental 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
- Data gathering, aggregation and dissemination
- Topology control
- Power Management and energy-efficient design
- Time synchronization
- Location management
- Sensor networks with mobile elements
- Cross-layer architectures
- Intelligent sensor nodes
- Security and dependability issues
- Modeling and performance evaluation
- Measurements

**Submission guidelines**

Papers should contain original material and not be previously published, or currently submitted for consideration elsewhere. Guidelines for preparing and submitting the manuscript will be made available on the workshop website. All submissions will be handled via EDAS. Accepted papers will be published by the IEEE Computer Society Press in the combined PerCom 2012 workshops proceedings. At least one author of each accepted paper must register and attend the workshop to present the paper.

**Workshop organizers**

**General Co-chairs**

Giuseppe Anastasi  
Dept. of Information Engineering  
University of Pisa  
Largo L. Lazzarino 1, 56122 Pisa - Italy  
g.anastasi@iet.unipi.it

Silvia Giordano  
Dept. of Technologies and Innovations  
University of Applied Science – SUPSI  
Via Cantonale, 6928 Manno – Switzerland  
silvia.giordano@supsi.ch

**Program chair**

Francesco Marcelloni  
Dept. of Information Engineering  
University of Pisa  
Largo L. Lazzarino 1, 56122 Pisa - Italy  
f.marcelloni@iet.unipi.it

**Important dates**

**Paper Submission: October 30, 2011**  
**Author Notification: December 20, 2011**  
**Camera-ready Due: January 27, 2012**