

# The 8<sup>th</sup> International Wireless Communications and Mobile Computing Conference (IWCMC 2012): <http://iwcmc.org/2012>

Cyprus, August 27 –31, 2012

## Wireless Sensor Networks Symposium

### Call for Papers

[http://www.iwcmc.org/2012/files/CFP/CFP\\_WSN.pdf](http://www.iwcmc.org/2012/files/CFP/CFP_WSN.pdf)



### Symposium Description

As one of the technical symposia of the 2012 International Wireless Communication and Mobile Computing Conference (IWCMC 2012), Wireless Sensor Networks' Symposium is dedicated to addressing existing and emerging technical challenges in the design, analysis, development and implementation of wireless ad hoc, sensor and mesh networks. The goal of this symposium is to bring together people from academia and industry that have interest in the area of wireless ad hoc, sensor and mesh networks. Particularly, this symposium's focus is on the theory and practices that address the challenges related to the design, analysis, and implementation of algorithms, protocols, architectures, and applications for wireless ad hoc, sensor and mesh networks

#### **Areas of interest include, but are not limited to:**

- + Applications, operating system, and middleware support
- + Cross-layer design and optimization methods
- + Energy-efficient transport, network, and MAC protocols
- + Event detection, classification and tracking
- + Fault-tolerance, self-healing, and reliability
- + Group and cooperative communications

- + Location discovery and time synchronization techniques
- + Measurements and practical experiences from prototypes and testbeds
- + Mobility support and management
- + Multicasting, geocasting, and broadcasting
- + Network coverage and connectivity
- + Network scaling and limits
- + Quality of Service issues
- + Query processing and data aggregation
- + Performance modelling and analysis
- + Resource management algorithms
- + Topology discovery, management and self-organization
- + Trust, security, privacy and appropriate cryptographic protocols

## **Important Dates**

Paper submission deadlines: January 20, 2012

Paper submission website: <http://edas.info/newPaper.php?c=11197>

Notification of acceptance: March 25, 2012

Camera-ready version due: April 30, 2012

Registration deadline for authors: April 30, 2012

IWCMC 2012 Conference: August 27 – 31, 2012

## **Symposium Chair and Co-Chairs**

**Chair:** Nidal Nasser, University of Guelph, Canada, [nasser@cis.uoguelph.ca](mailto:nasser@cis.uoguelph.ca)

**Co-Chairs:** Tomohiko Taniguchi, Fujitsu Laboratories Limited, Japan, [t-taniguchi@jp.fujitsu.com](mailto:t-taniguchi@jp.fujitsu.com)  
Kui Wu, University of Victoria, Canada, [wkui@cs.uvic.ca](mailto:wkui@cs.uvic.ca)

## **Submission Guidelines**

For this symposium, we are soliciting original papers describing state-of-the-art research and development in the areas of wireless ad hoc, sensor and mesh networks. The symposium will only accept for review the original contributions that have not been previously published and are not currently under review by any other conference or journal.

All papers are limited to five (5) printed pages, including text, figures and references, and must be written in English and follow the standard IEEE double-column format. The font size must be at least 10 points.

All submissions will be handled electronically and must be in PDF format.

All submitted papers would be judged based on their quality through a double peer-reviewing process.

Accepted papers will be published in the Conference Proceedings of IWCMC12. Further instructions on paper submission and formatting are available on the conference webpage (<http://iwcmc.org/2012>).

**Paper submission Website:** <http://edas.info/newPaper.php?c=11197>