



**1<sup>st</sup> International Conference on  
Sensor Networks Applications, Experimentation and Logistics**

**[www.sensappeal.org](http://www.sensappeal.org)**

**September 24-25, 2009, Athens, Greece**

Wireless Sensor Networks (WSNs) are envisioned to enable a variety of applications including environmental monitoring, building and plant automation, homeland security and healthcare. It has been argued that one of the key characteristics of sensor networks is that they are so tightly coupled with the applications running on top of them. Although WSNs have been an active area of research for over a decade, real world sensor network deployments have not yet found their way to widespread adoption. The experience gained and lessons learned during the initial attempts to deploy WSNs and implement various sensor network applications are very valuable for the advancement of this technology.

The 1<sup>st</sup> ICST International Conference on Sensor Networks Applications, Experimentation and Logistics (SENSAPPEAL 2009) aims at bringing together researchers and developers from academia and industry to present their work and share their experiences with developing, deploying and testing WSN applications. Moreover key enablers to WSN application development (such as OS, middleware, in-field reprogramming, testbeds and simulators, etc.) fall within the scope of the conference.

Authors are invited to submit original unpublished work, not currently under review by another conference, workshop or journal. Full papers should be restricted to 20 camera-ready pages in the Springer "Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering (LNICST)" format. We also welcome submissions for demonstrations of pilot, experimental or real-life deployments, testbeds, simulators and applications of wireless sensor networks.

**Topics of interest include, but are not limited to:**

Sensor network applications:

- Environmental Monitoring
  - ◊ wildfire detection and tracking
  - ◊ landslide prediction
  - ◊ pollution monitoring
  - ◊ habitat monitoring
  - ◊ seismic monitoring
- Physical security and surveillance
- Health care and assisted living
- Building and plant automation
- Disaster area or area of operations information gathering
- Other novel applications

Application enablers:

- APIs, programming paradigms and in-field reprogramming techniques (OS, middleware, mobile agents, sensor DBs, in network processing)
- Testbeds and simulators
- Cognitive and autonomous operation of sensor networks
- Localization and tracking
- Efficient networking protocols
- Network and data security
- Sensing devices

**Important Dates:**

Paper Registration (title and abstract only):	<b>March 11<sup>th</sup>, 2009 (extended)</b>
Paper Submission Deadline:	<b>March 27<sup>th</sup>, 2009 (extended)</b>
Notification of Acceptance:	May 31 <sup>st</sup> , 2009
Author Registration Deadline:	July 15 <sup>th</sup> , 2009
Camera Ready Copy Due:	July 20 <sup>th</sup> , 2009