

# WiDeploy 2007

## 1st International Workshop on Wireless Sensor Network Deployments

to be held in conjunction with

**The International Conference on Distributed Computing in Sensor Systems (DCOSS 2007)**

Santa Fe, New Mexico, U.S.A. June, 18 - 20, 2007

<http://www.dcooss.org/dcooss07/>



### Subject and Purpose of the Workshop

Deployments of Wireless Sensor Networks (WSNs) have provided invaluable insights into the challenges of operating these networks in the field. Moreover, experience gained from such deployments has provided insights about new, or modifications to existing, services and primitives. Unfortunately, considering the fact that deployments may adopt simpler approaches to minimize failures in the field research papers describing such systems have some times difficulty in finding a publication venue. At the same time experience from field deployments benefits the whole community leading to systems that are more robust and efficient under realistic conditions. The goal of this workshop is to provide such a venue for papers addressing the lessons learned from past deployments and proposals describing innovations that will facilitate future WSN deployments.

### Topics of Interest

The objective of the workshop is to present lessons learned from existing WSN deployments and discuss directions for future deployments. Topics of interest include, but are not limited to:

- Experience with network reprogramming in the field.
- Data management for field experiments.
- Experience with low-power networking protocols in the field.
- Low-power network gateway designs.
- Impact of environmental factors to outdoor deployments and potential solutions.
- Indoor deployments.
- Experience with mobility in WSN deployments.
- Realistic radio channel models based on deployment results.
- Network measurements from deployed networks.
- Performance results from localization algorithms in the field.
- Novel applications.
- Mechanisms to simplify future WSN deployments.

### Important Dates

- Manuscript Submission: **April 20th, 2007**
- Acceptance Notification: **May 1st, 2007**

- Camera Ready Manuscript Due: **May 10, 2007**

## **Camera Ready Submission**

Instructions to be provided after revisions.

## **Submission of Manuscripts**

Submitted manuscripts may not exceed 6 single-spaced, two-column pages using 10-point size font on 8.5x11 inch pages with one-inch borders, including figures and tables. References may be included in addition to the 6 pages. Submissions will be judged on correctness, originality, technical strength, significance, quality of presentation, and interest and relevance to the workshop attendees. Submitted papers may not have appeared in or be under consideration for another conference or a journal.

Please submit papers via Easy Chair by using the following URL: <http://www.easychair.org/WiDeploy07/>. In case of trouble with the submission you may send your publication by email to both program chair (terzis at cs jhu edu).

## **Program Chair**

Andreas Terzis, Johns Hopkins University

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