

CALL FOR PAPER – Deadline Extended

2nd IEEE International Workshop on Software for Sensor Networks (SensorWare)
To be held with IEEE/ACM Comsware 2007 (www.comsware.org)

8th January 2007, Bangalore India
www.sensorware.org

BEST PAPER AWARD

AN AWARD OF US \$500, WILL BE PROVIDED TO AUTHORS OF THE BEST PAPER

Advances in technology have made deployment of miniature sensors a realistic proposition. Low-power, inexpensive smart devices with multiple on-board sensors are connected through wireless links so as to form a collaborative sensor network to perform a specific task. As a result, it opens up a new paradigm of ubiquitous computing and enables a range of applications that are previously unrealizable or too costly to be realized. However, given the limitation of on-board hardware, one of the key areas towards achieving superior performance is through software implementation. The workshop is intended to bring together industry experts and researchers to share novel techniques, algorithms and software implementation for sensor networks, and to discuss the current status, technical challenges, standards, fundamental issues, and future services and applications in the form of panels and technical presentation. Topics of interest include but are not limited to the following:

1. Operating System
2. Efficient algorithms
3. Protocol design considerations
4. Performance analysis
5. Performance related issues
6. Cross-layered design considerations
7. Sensor applications and their impact on sensor network architectures
8. Deployment issues and scenarios
9. Middleware
10. Sensor network security
11. Sensor network design and modeling

All accepted papers will be included into the IEEE Digital Library.

Workshop co-chairs:

Nirmala Shenoy (ns@rit.edu), Rochester Institute of Technology, USA

Paul Chou, (pchou@us.ibm.com), IBM Thomas J Watson Research Center, USA

Workshop technical co-chairs:

Naoki Wakamiya, (Wakamiya@ist.osaka-u.ac.jp), Osaka University, Japan

Falko Dressler, (dressler@informatik.uni-erlangen.de), University of Erlangen-Nuremberg, Germany

Important Dates:

Extended Paper Submission Deadline: 15th Sept 2006

Notification Acceptance/Rejection: 20th November 2006

Final Camera-Ready Paper Submission: 30th November 2006