

The Fourth International Conference on Intelligent Sensors, Sensor Networks and Information Processing

December 15 - 18, 2008
Sydney, Australia

ISSNIP 2008 Symposium on Environmental Monitoring using Sensor Networks (EMSN 2008) CALL FOR PAPERS

Environmental monitoring is a very important application area for sensor networks as it allows near real-time monitoring to be carried out at high spatial and temporal resolutions. Present day monitoring technologies do not provide such advantages. While a significant amount of research has been done on the theoretical aspects of sensor networks, literature on experiences with actual deployments of sensor networks for different types of environmental monitoring applications is highly limited. This symposium focuses on the use of sensor networking technologies for environmental monitoring. It provides an ideal platform to discuss various aspects of experiences with real-life sensor network deployments and also new and novel techniques designed specifically for gathering data in environmental monitoring applications.

Topics of Interest:

We seek papers describing original, previously unpublished results. Topics of interest include, but are not limited to, the following:

- Experiences with real-life deployments of sensor networks, e.g. environmental effects on reliable communication/data collection, etc.
- Experiences with power generation techniques, e.g. energy-scavenging.
- Hybrid architectures, e.g. integrating wired and wireless sensor networks.
- Distributed data management and visualization techniques for streaming sensor data.
- Real-life performance of in-network algorithms for reliable data acquisition, e.g. self-calibration, data aggregation, event detection, etc.
- Sensor-actor coordination, e.g. data muling.
- Commercial applications and market studies, e.g. precision agriculture, coral reefs, lakes, space, etc.

Paper Submission: Please visit <http://www.elec.uow.edu.au/issnip2008/>

Important Dates:

Conference Dates: December 15-18, 2008
Submission Deadline: September 15, 2008
Notification of acceptance: October 15, 2008
Camera ready manuscript: October 31, 2008

Symposium Chairs:

Paul Havinga, *University of Twente*, The Netherlands
Supriyo Chatterjea, *University of Twente*, The Netherlands
Nirvana Meratnia, *University of Twente*, The Netherlands

Technical Program Committee:

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