ISSNIP

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

ISSNIP 2009 Call for Papers

The Fifth International Conference on Intelligent Sensors, Sensor Networks and Information Processing (ISSNIP 2009) held under the umbrella of the ARC Research Network on ISSNIP (http://www.issnip.unimelb.edu.au/) is an annual forum for sensor network research. Recent advances in both theory and applications of intelligent sensors and smart systems in diverse areas ranging from manufacturing and defence to medical science and environmental monitoring will be presented by the leading researchers in the field. The conference will be held in Melbourne, Australia during the 7th -10th of December 2009.
Papers are sought addressing the theory, implementation, and applications of intelligent sensors, sensor networks, and intelligent information processing systems. The papers can be submitted under the following categories.

Intelligent Sensors
Micro, nanosensors, MEMS and other novel senor technologies
Other sensor networks embedded technologies

Sensor Networks
Sensor Network Security and Intrusion Detection
Network Scheduling and Optimization
Sensor Fusion, Tracking and Localization
Protocols in Sensor Networks
Multimedia Sensor Network
Body Area Networks
Sensor Networks in Healthcare
Environmental Monitoring Using Sensor Networks
Intelligent Transportation System
Bioinspired Sensor Networks
Large Scale Sensor Network Deployment
Other Sensor Network Applications

Information Processing in Sensor Networks
Coding, Compression and Information Theory
Data Processing, Storage and Management
Middleware in Sensor Networks
Distributed Information Processing
Fault Tolerance and Identification
Networked Sensing and Control
Embedded Software for Sensor Networks
Sensor Network Signal Processing and Data Modelling
Energy Efficient Algorithms
Other sensor information processing topics
Computational Intelligence and Machine Learning in Sensor Networks

All papers must be submitted electronically through EDAS system and must be original material not currently under review by another conference or journal. Author guidelines are available on the conference website (http://www.issnip.org/2009/). All accepted papers will be published in Conference Proceedings published by the IEEE Press. All papers will be peer reviewed and will appear on IEEE Xplore (as with previous ISSNIP conferences). Extended versions of the selected papers will be published as a special issue of a leading journal.

Symposium & Tutorial proposals: Based on previous success, the conference framework will consist of a number of symposiums focussing on particular areas of sensor networks. See the conference website to obtain the proposal guidelines for Symposiums and Tutorials respectively.

Important Dates:
Advance Paper Submission: 15 June 2009 (To be considered for special issue publication)
Paper Submission: 30 June 2009
Notification of Acceptance: 15 August 2009
Final Paper Submission: 31 August 2009
Conference Dates: 7-10 December 2009

Organised by
ARC Research Network on Intelligent Sensors, Sensor Networks and Information Processing

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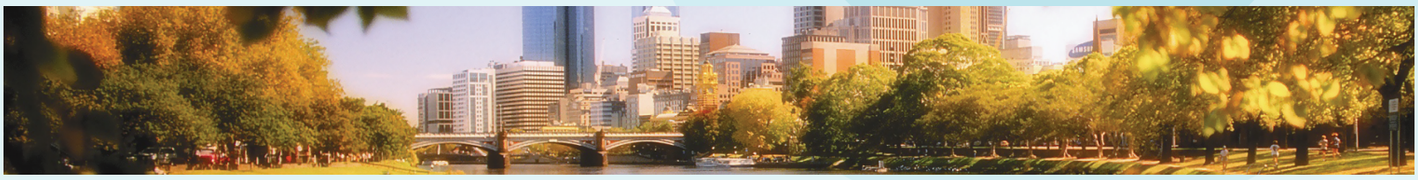
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