

9th International Symposium on Intelligent Techniques for Ad hoc and Wireless Sensor Networks
2-5 June, 2014

Hasselt, Belgium Symposium Website: <http://ist-awsn2014.lissi.fr/>



- Paper Submission: January 15, 2014
 - Acceptance Notification: Mars 15, 2014
 - Camera-Ready Submission: April 1, 2014
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Call For Papers

IST-AWSN'14 will be held in conjunction with the 5th International Conference on Ambient Systems, Networks and Technologies (ANT-2014) in Hasselt, Belgium, June 2-5, 2014.

Recent developments of low-cost, low-power, multifunctional wireless sensors and smart devices have enabled the fast growth of Ad-hoc and Wireless Sensor Network (AWSN) applications. AWSNs consist of numerous small battery powered nodes. A combination of the dense deployment of numerous smart sensors, actuators and smart mobiles nodes, AI techniques, and intelligent agents can provide pervasive services, enabling users to satisfy their needs any time any where. Different problems rise at different level from protocol specification and verification, simulation and performance evaluation to distributed intelligent software specification and design.

This symposium aims to bring together researchers and practitioners working on different aspects of ad-hoc and wireless sensor networks and software agent technology in an effort to highlight the state-of-the-art and discuss the challenges and opportunities to explore new research directions. We strongly welcome submissions that include results which advance the state of the art relating to the theme of the symposium.

The main topics to be addressed include (but not limited to):

- Self-organization of AWSNs
- Routing protocols for AWSNs
- Mobile Peer-to-Peer systems for AWSNs
- Adaptive agents in AWSN
- Security and trust in AWSNs
- Agent-based architectures and middleware for AWSNs
- Agents design issues dealing with reliability, efficiency, and fault tolerance
- Context and situation awareness
- Distributed management systems for AWSNs
- Future Internet of Things
- Intelligent query and data dissemination
- Intelligent systems for AWSNs
- Simulation Tools and Methods

- M2M communication protocols for sensors networks
- Power management and energy-efficient protocols
- QoS, performance evaluation and simulation
- Sensors and actuators infrastructures for ubiquitous robotics applications
- Knowledge Modeling and reasoning with Uncertainty

Publication

Only original papers will be considered that have neither been published nor submitted for publication elsewhere, including web publication. All submissions will be handled electronically. The length of the paper is limited to 6 pages. All papers will be reviewed by at least two independent reviewers.

Accepted papers will be printed in the conference proceedings published by Elsevier Science in the open-access Procedia Computer Science series (online).

Procedia Computer Sciences is hosted on www.Elsevier.com and on Elsevier content platform ScienceDirect (www.sciencedirect.com), and will be freely available worldwide. All papers in Procedia will also be indexed by Thomson Reuters' Conference Proceeding Citation **Index** <http://thomsonreuters.com/conference-proceedings-citation-index/>.

The papers will contain linked references, XML versions and citable DOI numbers. You will be able to provide a hyperlink to all delegates and direct your conference website visitors to your proceedings. All accepted papers will also be indexed in DBLP (<http://dblp.uni-trier.de/>).

Authors of high quality papers presented in the symposium will be invited to submit extended version of their papers for publication in international journal special issues.