

2010 IEEE International Conference on Networking, Sensing and Control

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Conference Theme

Technologies and Applications for Wireless Sensory Networks

The 2010 IEEE International Conference on Networking, Sensing and Control will be held in Chicago, USA. The main theme of the conference is "technologies and applications for wireless sensory networks". In recent years, wireless sensory networks have opened several areas of research and applications. Many companies and research agencies have started working on the next generation of these networks. Wireless sensory networks are now used in many fields such as homeland security, agriculture, energy management, intelligent transportation and traffic engineering, logistics, warehouse management, disaster management, healthcare delivery, military, smart buildings, and manufacturing. This conference will provide a remarkable opportunity for the academic and industrial community to address new challenges and share solutions, and discuss future research directions in the area of wireless sensory networks. It will feature plenary speeches, industrial panel sessions, funding agency panel sessions, interactive sessions, and invited/special sessions. Contributions are expected from academia, industry, and government agencies. Technical topics of the conference include but are not limited to:

Bio-informatics, bio-signals and systems
Collaborative systems
Complex system management
Control of networks
Distributed intelligent systems
Emergency mitigation
Emergency planning
Emergency response
Fuzzy and neural systems
Hazard mitigation
Heterogeneous wireless networks
Homeland security
Human factors
Human adaptive mechatronics
Human/computer interface
Information systems & infrastructure
Intelligent vehicle highway systems

Medical and patient monitoring
Micro/nano, electro-mechanical sensor systems
Multi-agent systems
Multi-level multi-objective optimization
Network security
Network-based computing systems
Networked control systems
Next generation of infrastructures
Sensor design, integration and fusion
Sensor networks
Smart car and vehicle control
Smart home environments
Smart vision and image processing
Space-based networking
Tele-robotics
Wireless communications
Workflow management

PAPER SUBMISSION

Complete manuscripts must be electronically submitted through the conference web site. Submitted manuscripts should be at most six (6) pages in IEEE two-column format, including figures, tables, and references. Please use the [LaTeX style file](#) or [Microsoft Word template](#) to prepare your manuscript. However, submissions MUST be in PDF format.

IMPORTANT DATES

Special session proposals deadline ----- October 1, 2009
Paper submission deadline----- October 1, 2009
Notification of acceptance----- November 15, 2009
Camera-ready copy due----- December 15, 2009