

ICNSC 2012 Call for Papers

9th IEEE International Conference on Networking, Sensing and Control
April 11-14, 2012 Beijing, China

Sponsors: IEEE Systems, Man, and Cybernetics Society, Hosted by Chinese Academy of Sciences

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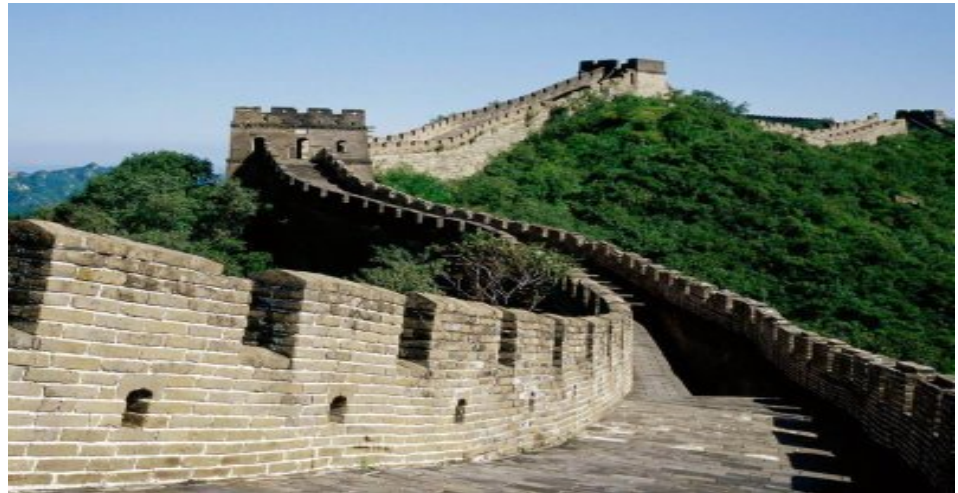
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Conference Theme: Intelligent Transportation Systems and Networks

The 2012 IEEE International Conference on Networking, Sensing and Control will be held in Beijing, China. The main theme of the conference is "Intelligent transportation systems and networks". Transportation systems and networks are the backbone of the economy and society. Especially, intelligent transportation systems and networks provide essential services that are enabling for numerous economic and social activities. 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 Intelligent transportation systems and networks as well other areas of networking, sensing and control. 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	Medical and patient monitoring
Collaborative systems	Micro/nano, electro-mechanical sensor systems
Complex system management	Multi-agent systems
Control of networks	Multi-level multi-objective optimization
Distributed intelligent systems	Network security
Emergency mitigation	Network-based computing systems
Emergency planning	Networked control systems
Emergency response	Resilient Control systems
Fuzzy and neural systems	Sensor design, integration and fusion
Hazard mitigation	Sensor networks
Heterogeneous wireless networks	Smart car and vehicle control
Homeland security	Smart grids
Human factors	Smart home environments
Human adaptive mechatronics	Smart vision and image processing
Human/computer interface	Space-based networking
Information systems & infrastructure	Tele-robotics
Intelligent vehicle highway systems	Wireless communications
Internet of things	Workflow management

PAPER SUBMISSION

Complete manuscripts must be electronically submitted through the conference website

<http://www.icnsc.org>

Submitted manuscripts should be at most six (6) pages in IEEE two-column format, including figures, tables, and references. Please use the templates at [Manuscript Templates for Conference Proceedings](#) from the conference website to prepare your paper. All submissions MUST be in PDF format.

IMPORTANT DATES

Special session proposals deadline -----November 1, 2011
Paper submission deadline----- November 1, 2011
Notification of acceptance-----December 15, 2012
Camera-ready copy due-----January 15, 2012