16th IEEE International Conference on Networking, Sensing and Control
May 9-11, 2019, Banff, Canada

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Sponsors: IEEE SMC Society and Nanjing University of Science and Technology

Theme: Towards an intelligent world

The 2019 IEEE International Conference on Networking, Sensing and Control will be held in Banff, a national park in Alberta, Canada. This conference brings together both academy and industry to address new challenges, share solutions and discuss future research directions. It will feature plenary speeches, panel sessions, tutorials, workshops, interactive sessions, and invited/special sessions. Contributions are expected from academia, industrial, and management agencies. **The conference theme is: Towards an intelligent world.** Technical topics of the conference include but are not limited to:

Adaptive systems
Autonomous agents and multi-agent
Automobile control and sensor systems
Big Data analytics
Collaborative systems
Complex system management
Control of networks
Cyber-physical systems
Discrete event systems
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
Industrial 4.0 system and practice
Information systems & infrastructure
Intelligent vehicle highway systems
Internet of things
Medical and patient monitoring
Micro/nano, electro-mechanical sensor systems
Multi-level multi-objective optimization
Network security
Network-based computing systems
Networked control systems

Resilient control systems
Sensor design, integration and fusion
Sensor networks
Smart car and vehicle control Smart city
Smart grids
Smart home environments
Smart vision and image processing
Software engineering for the IoT
Social networking
Social simulation
Space-based networking
Tele-robotics
Wearable computing and communications
Wireless communications
Wireless sensor networks

Call for Special Sessions/ Workshop

Interested attendees are encouraged to propose special sessions/workshops, each of which consists of five papers providing a focused discussion of new or innovative topics. Each proposal must include the session/workshop title, description, organizers and affiliations. Proposals should be sent to the workshop chairs or special session chairs with the following emails.

Web Site and Contact Email for Inquires
Web: http://www.ieeeicnsc.org/
Email: icnsc2019@easychair.org
Special Session Chair email: kangqi_tj@163.com; cc to haibinz@nipissingu.ca
special session papers will undergo the same intense review process and submission is not a guarantee for acceptance. Special session papers must be clearly indicated when submitted with a copy sent to the designated special session organizer.

Paper Submission
Complete manuscripts must be electronically submitted through the conference website
   https://easychair.org/conferences/?conf=icnsc2019
Submitted manuscripts should be within six (6) pages in IEEE two-column format, including figures, tables, and references. Please use the templates at Manuscript Templates for IEEE Conference Proceedings from the conference website to prepare your paper. All submissions MUST be in PDF format.

Important Dates
October 30, 2018	Special session proposals deadline
January 15, 2019	Full paper submission due
January 30, 2019	Paper submission due (only for special session)
Feb. 15, 2019	Notification of acceptance
March 31, 2019	Camera-ready copy due
May 9-11, 2019	Conference