

# ICNSC 2017 Call for Papers

14th IEEE International Conference on Networking, Sensing and Control  
May 16-18, 2017, Calabria, Southern Italy

Sponsor: IEEE Systems, Man, and Cybernetics Society

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## Conference Theme: Sensing, Connecting and Controlling Everything: Towards an Open Internet of Things Vision

The 2017 IEEE International Conference on Networking, Sensing and Control will be held in Calabria, Southern Italy. This conference will provide a remarkable opportunity for the academic and industrial communities to address new challenges and 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, industry, and management agencies. All accepted papers are expected to be included in IEEE Xplore and will be indexed by EI. The conference theme is: Sensing, Connecting and Controlling Everything through Open Internet of Things.

Technical topics of the conference include but are not limited to:

Autonomous agents and multi-agent systems  
Automobile control and sensor systems  
Big Data analytics  
Collaborative systems  
Complex system management  
Control of networks  
Cyberphysical 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  
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 grids  
Smart home environments  
Smart vision and image processing  
Software engineering for the IoT  
Space-based networking  
Tele-robotics  
Wearable computing and communications  
Wireless communications  
Workflow management systems

## SPECIAL SESSIONS ON

- Advanced Learning Techniques for Autonomous Robots in the Internet of Things
- Smart Cities
- Automation and Optimization for Energy Systems
- Computations in Large-scale Systems
- INTER-IoT: Towards IoT Systems INTERoperability
- Technologies and solutions for Smart Homes and Smart Grids
- Multi-Agent Systems for the Internet of Things and Cyber-Physical Systems
- Data Fusion in the Internet of Things
- Smart Lighting Environments: Sensing and Control
- Smart Logistics and Transport
- Intelligent Systems for Control and Healthcare Applications
- Development of Energy Efficient Short-Range Wireless Sensor Networks
- Marine Sensing
- Modeling and Simulation of Cyber-Physical Systems
- Emerging Social Internet of Things
- Trust Management in the Internet of Things

## WORKSHOP ON

- Interactive and Wearable Computing and Devices (IWCD 2017)

## WEB SITE AND CONTACT EMAIL FOR INQUIRIES

<http://icnsc2017.dimes.unical.it>

email: [g.fortino@unical.it](mailto:g.fortino@unical.it)

## PAPER SUBMISSION

Complete manuscripts must be electronically submitted through easychair at:

<https://easychair.org/conferences/?conf=icnsc2017>

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

Special session proposals deadline:

Paper submission deadline:

Notification of acceptance:

Camera-ready copy due:

Paper submission deadline for Special Sessions and Workshops

November 15, 2016

December 1, 2016

January 31, 2017

March 15, 2017

January 31, 2017