

# 18th IEEE International Conference on Networking, Sensing and Control

November 5-7, 2021, Xiamen, China



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**Sponsors: IEEE SMC Society, Huaqiao University, Zhejiang University and Jiangxi University of Science and Technology**

**Co-Sponsors: Xiamen Association of Automation, Fujian Association of Automation, Jiangsu Association of Automation**



## Theme: Industry 4.0 and AI

The 2021 IEEE International Conference on Networking, Sensing and Control will be held in Xiamen, a historic and scenic city in Fujian Province, China. It will feature plenary speeches, panel sessions, tutorials, workshops, interactive sessions, and invited/special sessions. Contributions are expected from academia, industry, and management agencies. **The conference theme is: Industry 4.0 and AI.**

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

Adaptive systems	Human factors	Resilient control systems
Autonomous agents and multi-agent	Human adaptive mechatronics	Sensor design, integration and fusion
Automobile control and sensor systems	Human/computer interface	Sensor networks
Big Data analytics	Industrial 4.0 system and practice	Smart car and vehicle control
Collaborative systems	Information systems & infrastructure	Smart city
Complex system management	Intelligent vehicle highway systems	Smart grids
Control of networks	Internet of things	Smart home environments
Cyber-physical systems	Medical and patient monitoring	Smart vision and image processing
Discrete event systems	Micro/nano, electro-mechanical sensor systems	Software engineering for the IoT
Distributed intelligent systems	Multi-level multi-objective optimization	Social networking
Emergency mitigation	Network security	Social simulation
Emergency planning	Network-based computing systems	Space-based networking
Emergency response	Networked control systems	Tele-robotics
Fuzzy and neural systems	Quantum cybernetics	Wearable computing and communications
Hazard mitigation	Quantum machine learning	Wireless communications
Heterogeneous wireless networks		Wireless sensor networks
Homeland security		

## 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

[leafever@hqu.edu.cn](mailto:leafever@hqu.edu.cn) [746494283@qq.com](mailto:746494283@qq.com) [1583659175@qq.com](mailto:1583659175@qq.com)

Special Session Chair email: [clchen@nju.edu.cn](mailto:clchen@nju.edu.cn), [shuai.li@swansea.ac.uk](mailto:shuai.li@swansea.ac.uk), [ming.hou@drdc-rddc.gc.ca](mailto:ming.hou@drdc-rddc.gc.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>

Submitted manuscripts should be within six (6) pages in IEEE two-column format, including figures, tables, and references. Please use the templates at [http://www.ieee.org/conferences\\_events/conferences/publishing/templates.html](http://www.ieee.org/conferences_events/conferences/publishing/templates.html) from the conference website to prepare your paper. All submissions MUST be in PDF format.

## Important Dates

July 1, 2021	Workshop and Special session proposals deadline
August 1, 2021	Paper submission due
September 15, 2021	Notification of acceptance
October 15, 2021	Camera-ready copy due
November 5-7, 2021	Conference