

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 746494283@qq.com 1583659175@qq.com

Special Session Chair email: cichen@nju.edu.cn, shuai.li@swansea.ac.uk, 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 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