

21st IEEE International Conference on Networking, Sensing and Control

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浙江工商大学
ZHEJIANG GONGSHANG UNIVERSITY

桐乡人工智能研究院
TongXiang Institute of Artificial Intelligence

系统控制建模研究院
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Conference Website: <http://www.icnsc2024.cn/>

Theme: AI for Better Life

The 2024 IEEE International Conference on Networking, Sensing and Control will be held in Hangzhou, an ancient and vibrant city with both modern and traditional Chinese features. 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: Artificial Intelligence for Better Life.

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

Adaptive systems	Heterogeneous wireless networks	Quantum machine learning
Autonomous agents and multi-agent	Human/computer interface	Resilient control systems
Automobile control and sensor systems	Imbalanced classification	Reinforcement learning
Big data analytics	Intelligent vehicle highway systems	Sensor design, integration and fusion
Causal learning & Interpretability	Internet of Things	Sensor networks
Collaborative systems	Large-scale global optimization	Smart car and vehicle control
Complex system management	Medical and patient monitoring	Smart and green building
Continual learning	Meta learning	Smart grids
Control of networks	Micro/nano, electro-mechanical sensor systems	Smart civil aviation and aerospace
Cyber-physical systems	Multi-network integration	Smart vision and image processing
Discrete event systems	Multi-objective optimization	Social networking
Distributed intelligent systems	Multi-task optimization	Soft sensing
Digital twin	Model predictive control	Space-based networking
Edge computing	Network security	Swarm intelligence
Emergency planning	Network-based computing systems	Transfer learning
Fuzzy and neural systems	Networked control systems	Wearable computing
Federated learning	Objective detection	Wireless communications
Heterogeneity and decision making	Quantum cybernetics	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 submitted through EasyChair. Special session papers will undergo the same intense review process and submission is not a guarantee for acceptance.

Paper Submission

Complete manuscripts must be electronically submitted through the paper submission 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 [Manuscript Templates for IEEE Conference Proceedings](#) from the conference website to prepare your paper. All submissions MUST be in PDF format.

***Note: Excellent papers will be recommended to special issues of prestigious journals.

Important Dates

May 1, 2024 (May 10, 2024)

Workshop and Special session proposals deadline

May 15, 2024 (June 1, 2024)

Paper submission due (for both regular and special session papers)

August 1, 2024

Notification of acceptance

September 1, 2024

Camera-ready copy due

October 18-20, 2024

Conference

Contact Email: ieeicnsc2024@gmail.com