

Welcome !

It is our great honor and pleasure to introduce the 11th IEEE International Conference on Cybernetics and Intelligent Systems (CIS) and the 11th IEEE International Conference on Robotics, Automation and Mechatronics (RAM), which will be held from **08 to 11 Aug, 2024 in Hangzhou, China** .

About CIS-RAM

The IEEE International Conferences on CIS & RAM have always been held together, to exploit the synergistic relationship between both areas. CIS-RAM was first held in Singapore in 2004, followed by Thailand in 2006, Chengdu (China) in 2008, Singapore in 2010, Qingdao (China) in 2011, Manila (Philippines) in 2013, Angkor Wat (Cambodia) in 2015, Ningbo (China) in 2017, Bangkok (Thailand) in 2019, and Penang (Malaysia) in 2023. This conference is in **Category B of the China Association of Automation (CAA) conference recommendation list**. Accepted papers will be submitted for possible inclusion into **IEEE Xplore** subject to meeting IEEE Xplore's scope and quality requirements. **The proceedings of past CISRAMs have all been included in the IEEE Xplore database and indexed by EI Compendex.**

Programs and Topics on CIS

Cybernetics Automation and Control, Cooperative Systems and Control, Computational Intelligence, Multi-Agent Systems, Supervisory Control, Hybrid Systems, Neural Networks, Deep Reinforcement Learning, Genetic Algorithms, Evolutionary Computation, Systems Modeling & Control, Optimization, Smart Sensor Networks, Blockchain Technologies, Networked Dynamical Systems, Discrete Event Systems, Swarm Intelligence, Soft Computing, Fuzzy Systems, Decision Support Systems, System of Systems, Big Data, Internet of Things, Image Processing, Environmental Systems, Systems Biology, Cyber-physical Systems, Human/Machine Systems, Transportation Systems, Manufacturing Systems, Smart City, Resource Management, Energy Efficiency, Artificial Intelligence Generated Content, Large Language Models, Natural Language Processing.

Programs and Topics on RAM

Robotics and Automation in Unstructured Environment, Personal and Service Robotics, Underwater Robotics, Medical Robots and Systems, Social Robotics, Robotics and Automation Applications, Sensor Design, Integration, and Fusion, Robot Vision, Deep Learning, Embodied AI, Human-Robot Interfaces, Haptics, Tele-robotics, Network Robotics, Micro/Nano, Distributed, Cellular, and Multi-robot Systems, Biologically-Inspired Robots and Systems, Intelligent Transportation Systems, Modeling, Planning and Control, Kinematics, Mechanics, and Mechanism Design, Legged Robots, Wheeled Mobile Robots, Aerial Robotics, Dynamics, Motion Control, Force/Impedance Control, Architecture and Programming, Methodologies for Robotics and Automation, Virtual Reality, Localization & Tracking, A Fleet of AGVs.

Invited Sessions

The conference will feature invited sessions on specialized topics of interests. The invited sessions are intended to usher in-depth discussions in special areas relevant to the conference theme.

Best Paper Awards

The conference will provide three categories of awards: [Best Conference Paper](#) , [Best Student Paper](#) and [Best Application Paper Awards](#)

Paper Submission

Papers must be written in English and should describe original work. Papers should be six pages (A4 size) in length, with up to two extra pages. The number of pages includes the references, appendices, etc. Papers will be published in the conference proceedings only if at least one of the authors is officially registered.

All the papers in the conference proceedings will be indexed in the [IEEE Library and ISI Proceedings](#). For more details, please click [Online Paper Submission](#).

Important dates

Special Session Proposal Submission Deadline	29 Mar 2024
Conference/Invited Session Paper Submission	30 Apr 2024
Notification of Acceptance	31 May 2024
Final Camera-Ready Deadline	23 Jun 2024
Early-bird Registration Deadline	23 Jun 2024
Late Breaking Reports Deadline	16 Jul 2024

The conference is organized by

IEEE Singapore Section

IEEE Robotics and Automation Society (RAS) Singapore Chapter

IEEE Systems, Man & Cybernetics (SMC) Singapore Chapter

IEEE Robotics and Automation Society (RAS) Nanjing Chapter

Zhejiang University

The conference is co-organized by

Hangzhou Dianzi University

Nanhu Brain-Computer Interface Institute

The State Key Laboratory of Brain-Machine Intelligence

The conference is supported by

IEEE Sensors Council Singapore Chapter

The conference is sponsored by

AgileX Robotics

AiTEN Intelligent Technology

DEEP Robotics

Energy Land Universe

NOKOV Science & Technology

Tengzhao Technology

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