

SICE FES 2024

SICE Festival 2024 with Annual Conference

Kochi University of Technology
Kochi, Japan
August 27-30, 2024

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General Vice-Chair

Koichi Oka (Kochi Univ. of Tech.)

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Call for Papers

The SICE Festival 2024 with Annual Conference, organized by the Society of Instrument and Control Engineers (SICE), will be held on August 27-30, 2024, at Kochi University of Technology Eikokuji Campus, Kochi, JAPAN. This festival is the biggest event in SICE and the conference is an international conference covering a broad range of fields from measurement and control to system analysis and design, from theory to application, and from software to hardware, and will provide an opportunity for both academic and industrial engineering practitioners in measurement and control fields to present their work and discuss their ideas. The technical program of the conference will consist of plenary and invited talks, tutorial courses, and workshops, as well as oral and interactive sessions.

Conference Venue

The SICE Festival 2024 will be held at Kochi University of Technology Eikokuji Campus located in the center of Kochi city. It is close to Kochi Castle, Harimaya Bridge, and Hirome Market, and is easy to access by walking from Kochi station and by bus from Kochi Airport. The scenic Katsurahama Beach, the Makino Botanical Garden named after the botanist Tomitaro Makino, and the Niyodo River known for its crystal clear water, are also accessible.



Important Dates

February 13, 2024 : Deadline of Proposal of Workshops and Tutorials

February 26, 2024 : Deadline of Proposal of Organized Sessions

March 18, 2024 : Deadline of Submission for Regular Papers and Position Papers

May 17, 2024 : Notification of Paper Acceptance

June 24, 2024 : Submission of Final Camera-ready Papers

Paper Submission

The SICE Festival 2024 with Annual Conference accepts three types of submissions for review. Regular paper: Full papers (4-6 pages in conference format) must be submitted for review. The accepted papers will be submitted to the IEEE Xplore Digital Library. The normal length for the final manuscript of the regular paper is 6 pages. Papers exceeding 6 pages may be submitted upon payment of overlength page charges. A maximum of 2 extra pages over 6 pages are permitted. Position paper: Extended abstracts (2-4 pages in conference format) must be submitted for review. This category is provided for authors who want to present a timely review of research, a case study, and so on. This type of paper will NOT be included in the IEEE Xplore Digital Library. Both types of papers should be written in English and will be included in the conference proceedings. Late Breaking Poster: Abstracts (100-200 words) must be submitted for quick review. This category was established for all researchers, including students, to present their ongoing research as a poster presentation and discuss it with other researchers. Abstract should be written in English and will be published only in the conference program. The detailed submission policy is found on the conference web page.

Organized Session Submission

The goal of organized sessions is to provide focused discussions on a new topic or innovative applications of a new approach. Each session consists of 5-6 papers, which will be reviewed via the normal review process. Both regular and position papers can be included in a session. For session proposals, it is recommended to include a brief statement of the session focus, together with the submission of the individual papers. For further instructions, please visit the conference web page.

Workshop and Tutorial

Proposals for workshops or tutorials that address technical topics related to control, automation, and systems in general, are welcome. We encourage such programs that will attract industrial members, and programs with highly anticipated levels of interest, impact, creativity, and technical background of presenters. For details, please see the conference web page.

Technical Co-Sponsor (Tentative)

IEEE Control Systems Society (CSS),
IEEE Robotics and Automation Society (RAS)
IEEE Industrial Electronics Society (IES),
Institute of Control, Robotics and Systems (ICROS),
International Society of Automation (ISA),
Technical Committee on Control Theory (TCCT),
Chinese Association of Automation (CAA),
Japan Electric Measuring Instruments Manufacturers' Association
(JEMIMA),
Electrical Engineering/Electronics, Computer, Telecommunications and
Information Technology Association (ECTI),
Control Society of India (CS)
China Instrument and Control Society (CIS),
Asian Control Association (ACA)



Topics of the conference

The conference will be focused on, but not limited to, the following topics:

Measurement

Sensors and Transducers
Signal and/or Image Processing
Identification and Estimation
Opto-Electronic Measurement
Electronic Measurement
Remote Sensing
Mass and Force Measurement
Temperature Measurement
Ultra-High Precision Measurement
High Precision Measurement
Analytical Measurement
Standard of Measurement
Flow Measurement and Control
Networked Sensor System

System and Information

System Engineering
Human
Machine Systems
Intelligent Systems
Autonomous Decentralized Systems
Computational Intelligence
Discrete Event Systems
Social Systems
Hypercomputes
Molecular Robotics
Relationality-Oriented Systems Science
Oriented Systems Science
Smart Mobility Systems

Control

Multivariable Control
Nonlinear Control
Robust Control
Adaptive and Optimal Control
Intelligent Control
Computer Aided Design
Modeling, System Identification and Estimation
Process Control
Mechanical Systems Control
Guidance and Flight Control
Power Systems Control

Industrial Applications

Process Automation
Factory Automation
Laboratory Automation
Information Management Systems
SCADA and Network Systems
Manufacturing Systems
Transportation Systems
Micro and Nano Devices
Components and Devices
System Integration
Mechatronics Systems
Robotic and Automation Systems
Human Interfaces
Virtual Reality Systems
Entertainment Systems
Medical and Welfare Systems

Safety, Environment and Eco-Systems
Agricultural and Bio-Systems
Rescue Systems
Simulation of Large Systems
Network System Integration

Life Engineering

Integrative Biophysical Engineering and Informatics
Biological and Physiological Engineering
Electrophysiology and Kinesiology
Ubiquitous Healthcare

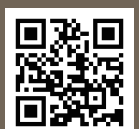
Others

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August 27-30, 2024

Kochi University of Technology,
Kochi, Japan



Email: sice2024-secretariat@sice.or.jp

URL: <https://sice2024.sice.jp>