

# SICE FES 2025

*SICE Festival with Annual Conference*

*September 9-12, 2025*

*The Empress Hotel and Convention Centre,  
Chiang Mai, Thailand*



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## Call for Paper

The 2025 SICE Festival with Annual Conference (SICE FES 2025) is organized by the Society of Instrument and Control Engineers in Japan (SICE) in cooperation with the Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology in Thailand (ECTI). It is the biggest event of 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

SICE FES 2025 will be held at the Empress Hotel and Convention Centre, located at the heart of the city of Chiang Mai, Thailand. Chiang Mai is a northern Thai city known for its rich history, Lanna culture, and numerous tourist attractions of great historical and religious significance. In walking distance from the hotel lie the iconic night bazaar market and the old city.

## Important Dates

February 26, 2025: Deadline of Proposal of Workshops and Tutorials  
March 11, 2025: Deadline of Proposal of Organized Sessions  
March 31, 2025: Deadline of Submission for Regular Papers and Position Papers  
May 30, 2025: Notification of Paper Acceptance  
June 16, 2025: Deadline of Submission for Late Breaking Posters  
July 14, 2025: Submission of Final Camera-ready Papers



## Workshops and Tutorials

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 to be opened soon.

## 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 to be opened soon.

## Topics of the Conference

### 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

### 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

### 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

### 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

### Life Engineering

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

### Others

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<https://sice2025.sice.jp/>

## Paper Submission

SICE FES 2025 accepts two 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 for inclusion into 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.

## Technical Co-Sponsors (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  
Manufactures' Association (JEMIMA),  
Control Society of India (CS)  
China Instrument and Control Society (CIS),  
Asian Control Association (ACA)

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