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David Banjerdpongchai (Chulalongkorn University)

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Sudchai Boonto (KMUTT)

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Yuki Nishimura (Kagoshima University)
Tanagorn Jennawasin (KMUTT)

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Itthisek Nilkhamhang (SIIT)

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Waree Kongprawechnon (SIIT)
Pakawadee Wutthiwai (RMUTL)

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Koichi Osuka (Osaka University)
Chakkapong Chamroon (Chiang Mai University)
Sungwan Boksuwan (KMITL)

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Pracha Yeunyongkul (RMUTL)

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Uthen Kamnarn (RMUTL)
Prasert Luekhong (RMUTL)

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Sungwan Boksuwan (KMITL)
Ronnachart Munsin (RMUTL)
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Social Activity Co-Chairs

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Sumana Sorathiwa (RMUTL)

Public Relations Co-Chairs

Ryosuke Morita (Gifu University)
Supakit Kawdungta (RMUTL)
Pratch Piyawongwisal (RMUTL)

Secretariats

Junya Yamauchi (University of Toyama)
Napasool Wongvanich (KMITL)

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)
Technical Committee on Control Theory (TCCT)
Chinese Association of Automation (CAA)
Japan Electric Measuring Instruments
Manufacturers' Association (JEMIMA)
Asian Control Association (ACA)
Control Society of India (CS)
China Instrument and Control Society (CIS)
International Society of Automation (ISA)



**SICE FESTIVAL 2025
WITH ANNUAL CONFERENCE**
INNOVATION FROM CHIANG MAI, THAILAND

SEPTEMBER 9-12, 2025
Empress Hotel and Convention Centre



**FROM SICE Annual Conference (SICE AC)
TO SICE Festival with Annual Conference (SICE FES)**

The Society of Instrument and Control Engineers (SICE) has traditionally held the SICE Annual Conference (SICE AC) as the society's main event. This time, we have decided to expand it even further and hold it as the SICE Festival with Annual Conference. This is aimed at creating an "academic festival" centered around SICE AC, and will be promoted in cooperation with the Conference Committee, AC Driving Committee, AC Executive Committee, and others. This year's SICE Festival 2025 with Annual Conference (SICE FES 2025) is scheduled to be held in Chiang Mai from September 9th to 12th, 2025. Details will be announced in the web page on the right in due course. Members and supporting members are encouraged to consider participating.

Contact

E-mail
sice2025-secretariat@sice.or.jp

Official Website
https://sice2025.sice.jp



PROGRAM
Day 1 (09.09.2025): Workshops, Welcome Reception, etc. ...
Day 2 (09.10.2025): Regular Sessions, Poster Sessions, etc. ...
Day 3 (09.11.2025): Regular Sessions, Banquet, etc. ...
Day 4 (09.12.2025): Regular Sessions, Farewell Reception, etc. ...

VENUE
Empress Hotel and Convention Centre
199/42 Chang Klan Road, Chiang Mai 50100, Thailand
Tel: +66 5325 3199
E-mail: info@empresshotels.com

SPONSORS
SICE The Society of Instruments and Control Engineers
ECTI Association
The Electrical Engineering/Electronics, Computer,
Telecommunications, and Information Technology Association

SICE FES 2025
https://sice2025.sice.jp



SICE FES 2025

SICE FESTIVAL 2025 WITH ANNUAL CONFERENCE



การเชิญส่งบทความ **Welcome**

The SICE Festival 2025 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 Association 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.

สถานที่จัดการประชุม **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.

รูปแบบการประชุม **Conference Style**

SICE FES 2025 will be held in a traditional in-person style. There is no option of online presentation and all the presenters are requested to come to Chiang Mai. This approach aims to foster fruitful discussions and opportunities to connect with new colleagues. On the other hand, we provide an option of watching presentations online for those who are interested in the conference but unable to come. Special talks will be broadcast over the internet and videos of regular presentations will be accessible.

การส่งบทความ **Paper Submission**

SICE FES 2025 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. They are also included in the conference proceedings. 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 but 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. Abstracts will be published in the conference proceedings.

การส่งวิดีโอ **Video Submission**

All presenters are strongly recommended to submit their presentation videos. These videos will benefit attendees who wish to watch presentations online or catch up on any presentations they may have missed. The submitted videos will be accessible to conference attendees via the online conference platform for 30 days following the event.

การส่งหัวข้อเซสชันที่จัดขึ้น **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.

ทุนสนับสนุนนักศึกษา **Student Grant**

SICE FES 2025, held in Thailand, offers a unique opportunity for students, particularly those from neighboring Southeast Asian countries, to engage with the latest advancements in the field. To promote presentations of such international students, the student travel grant award is provided in an extended manner this year. Up to 20 students will receive an award of 50,000 JPY each. Eligible students are encouraged to apply for the grant following the instructions provided on the conference web page.

วันที่สำคัญ **Important Dates**

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

หัวข้อของการประชุม **Topics of the Conference**

Measurement	System and Information	Industrial Applications
Sensors and Transducers	System Engineering	Process Automation
Signal and/or Image Processing	Human-Machine Systems	Factory Automation
Identification and Estimation	Intelligent Systems	Laboratory Automation
Opto-Electronic Measurement	Autonomous Decentralized Systems	Information Management Systems
Electronic Measurement	Computational Intelligence	SCADA and Network Systems
Remote Sensing	Discrete Event Systems	Manufacturing Systems
Mechanical Measurements	Social Systems	Transportation Systems
Temperature Measurement	Hypercomputes	Micro and Nano Devices
Ultra-High Precision Measurement	Molecular Robotics	Components and Devices
High Precision Measurement	Relationality-Oriented Systems Science	System Integration
Analytical Measurement	Smart Mobility Systems	Mechatronics Systems
Standard of Measurement	Control	Robotic and Automation Systems
Flow Measurement and Control	Multivariable Control	Human Interfaces
Networked Sensor System	Nonlinear Control	Virtual Reality Systems
Life Engineering	Robust Control	Entertainment Systems
Integrative Biophysical Engineering and Informatics	Adaptive and Optimal Control	Medical and Welfare Systems
Biological and Physiological Engineering	Intelligent Control	Safety, Environment and Eco-Systems
Electrophysiology and Kinesiology	Computer Aided Design	Agricultural and Bio-Systems
Ubiquitous Healthcare	Modeling, System Identification and Estimation	Rescue Systems
	Process Control	Simulation of Large Systems
	Mechanical Systems Control	Network System Integration
	Guidance and Flight Control	
	Power Systems Control	
		Others

เวิร์กช็อปและการอบรม **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.