

Call for papers

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SICE Annual Conference 2019

September 10-13, 2019

Higashi-Senda Innovative Research Center,
Hiroshima University, Hiroshima, Japan

URL: <http://www.sice.jp/siceac/sice2019/>

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SICE 2019

The SICE Annual Conference 2019 (SICE 2019), organized by the Society of Instrument and Control Engineers (SICE), will be held in September, 2019, in Hiroshima, JAPAN. The SICE Annual Conference 2019 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. The technical program of SICE 2019 will consist of plenary and invited talks, tutorial courses, and workshops, as well as oral and interactive sessions.

Important Dates (Tentative)

Paper Submission Webpage Open	January 1, 2019
Proposal of Workshop and Tutorials	February 15, 2019
Proposal of Organized Sessions	February 28, 2019
Submission for Regular Papers and Position Papers	March 15, 2019
Notification of Paper Acceptance	June 1, 2019
Submission of Final Camera-ready Papers	July 1, 2019

Conference Venue

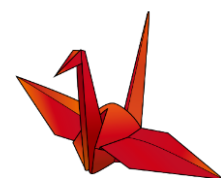
SICE 2019 will be held at Higashi-Senda Innovative Research Center of Hiroshima University. Higashi-Senda Innovative Research Center is located at the center of Hiroshima city. It is easily accessible from Hiroshima station by Tram. Hiroshima has two world heritages. One is The Hiroshima Peace Memorial. And the other is Itsukushima Shinto Shrine.

Technical Co-Sponsors (Tentative)

IEEE Control Systems Society (CSS); IEEE Robotics and Automation Society (RAS); IEEE Industrial Engineering 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 (ECTI) Association

In Association with (Tentative)

The Chinese Association of Automation (CAA);
China Instrument and Control Society (CIS);
Asian Control Association (ACA);
Hiroshima University



Paper Submission

The SICE Annual Conference 2019 accepts two types of submissions for review:

Regular paper: Full papers (6 pages in conference format) must be submitted for review. The accepted papers will be submitted to the [IEEE Xplore Digital Library](#). Normal length for the final manuscript of the regular paper is 6 pages. Paper exceeding 6 pages may be submitted upon payment of overlength page charges. A maximum of 2 extra pages above 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. The detailed submission policy is found on the conference web page.

Organized Sessions, Workshops and Tutorials

The goal of organized session is to provide focused discussions on a new topic or innovative applications of a new approach. Each session consists of 6 papers, which 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. We also encourage proposals for workshops or tutorials that address technical topics with highly anticipated level of interest, impact, and creativity.



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Topics

Measurement

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

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 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

Systems 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
Smart Mobility Systems

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

Life Engineering

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

Others



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