

# SICE 2017

## SICE ANNUAL CONFERENCE

September 19 - 22, 2017  
Kanazawa University, Kanazawa, Japan  
URL: <http://www.sice.or.jp/sice2017>

タイトル「鼓門」: [http://open-imagedata.city.kanazawa.ishikawa.jp/data/detail/352/search\\_text](http://open-imagedata.city.kanazawa.ishikawa.jp/data/detail/352/search_text)

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### Sponsors (Tentative)

Organized by  
the Society of Instrument and Control Engineers  
(SICE)

Technical Co-Sponsors by  
IEEE Control Systems Society (CSS)  
IEEE Robotics and Automation Society (RAS)  
IEEE Industrial Engineering Society (IES)  
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International Society of Automation (ISA)  
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In Association with

The Chinese Association of Automation (CAA)  
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Asian Control Association (ACA)  
Kanazawa University  
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### 2nd Call for Papers



The SICE Annual Conference 2017, organized by the Society of Instrument and Control Engineers (SICE), will be held on September 19-22, 2017, at Kanazawa University, Kanazawa, JAPAN. The SICE Annual Conference 2017 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 2017 will consist of plenary and invited talks, tutorial courses, and workshops, as well as oral and interactive sessions.

### Important Deadlines



February 15, 2017 Proposal of Workshop and Tutorials

February 28, 2017 Proposal of Organized Sessions

March 15, 2017 Regular Papers and Position Papers submission

June 1, 2017 Notification of Acceptance

July 1, 2017 Final Camera-ready submission and early registration

### Venue



SICE 2017 will be held at Kakuma campus of Kanazawa University. Kakuma campus is located at the south-east of Kanazawa in a huge natural setting, with many orange-tan buildings harmonized with their green surroundings.

Kanazawa City is located on the Sea of Japan in the middle area of Japan. The city boasts many historical attractions such as [Kenrokuen](#), one of the best landscape gardens, Nagamachi, samurai district in the old castle town, as well as modern museums such as [21st Century Museum of Contemporary Art, Kanazawa](#).

It takes one hour from Tokyo Haneda Airport to Komatsu Airport by airplane and two and half hours from Tokyo Station to Kanazawa Station by the JR Hokuriku-shinkansen. It also takes two and half hours from Osaka Station to Kanazawa Station by JR train. It takes approximately forty minutes from Kanazawa Station to Kakuma campus by bus (Hokuriku Railroad Bus).



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## Paper Submission

The SICE Annual Conference 2017 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. Papers 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.

SICE Journal of Control, Measurement, and System Integration (JCMSI) will publish a special issue entitled "Special Issue on SICE Annual Conference 2017" in 2018. Please see the details on the web site of JCMSI (<http://www.sice.or.jp/JCMSI/>).

## Organized Session Proposal

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 instruction, please visit the conference web page.

## 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 level of interest, impact, creativity and technical background of presenters. For details, please see the conference web page.

## 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 Remote Sensing  
Mass and Force Measurement Temperature Measurement Ultra-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  
Hypercomputics  
Molecular Robotics Relationality-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  
Robotics 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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