

SII2016

December 13-15, 2016
Sapporo Convention Center
Sapporo, Japan

<http://www.si-sice.org/SII2016/>

SICE 

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Call for Papers

The 20th century was the age of evolution of science and technology concerning artifacts. Fundamentals of mass production had been established by specialized technologies and surely had contributed our social life. In the 21st century, our societies expect methodologies for solving problems of complex systems consisting of society, human and technologies, which cannot be completed by single sectionalized technology. Under these circumstances, the system integration (SI) to look down the whole technologies is becoming a critical issue of engineering. 2016 IEEE/SICE International Symposium on System Integration (SI International 2016, SII2016) will be held as the ninth symposium on system integration. System integration is one of the key technologies and the integration of hardware and software is especially important to solve the industrial or social system problems in new century. This symposium focuses to the new research and industrial application of system integration, and discusses the approach method to improve effectiveness of system integration.

TOPICS

The topics of this symposium may include, however not limited to the following areas:

1. System Integration

Control technology, Robotics technology, Network system control, Plant engineering, System hardware, System software, Integration platform

2. Artifacts

Mechatronics systems, Automation systems, Virtual reality systems, Entertainment systems, Micro-nano systems

3. Human and Society

Welfare systems, Environment / Ecological systems, Bio systems, Rescue systems, Security systems, Enterprise resource planning systems, Supply chain management systems, Intelligent transportation systems, Logistics systems, Human, Aging society, Health engineering

4. Assistive Technologies

Large-scale system simulation, Software systems, Networking systems, Decision making systems, Human-Robot cooperation/interaction

IMPORTANT DATES

Organized Session Proposal: **July 1, 2016**

Full Paper Submission: **July 29, 2016**

Notification of Acceptance: **September 23, 2016**

Final Paper Submission: **October 21, 2016**

Co-Sponsored by

SICE System Integration Division, IEEE Robotics and Automation Society, IEEE Industrial Electronics Society



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