

# SII2012 in Fukuoka

2012 IEEE/SICE International Symposium on System Integration  
(SI International 2012)  
Centennial Hall, Kyushu University, Fukuoka, Japan  
December 16-18, 2012

Co-Sponsored by:

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



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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. 2012 IEEE/SICE International Symposium on System Integration (SI International 2012, SII2012) will be held as the fifth 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.

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The topics of this symposium include, but not limited to

**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, Disaster prevention, Disaster mitigation, Rescue systems, Security systems, Enterprise resource planning systems, Supply chain management systems, Intelligent transportation systems, Logistics systems, Human, ...

**4. Assistive Technologies**

Large-scale system simulation, Software systems, Networking systems, Decision making systems, ...



**IMPORTANT DATES**

<b>August 24, 2012</b>	<b>September 23, 2012</b>	<b>October 28, 2012</b>	<b>November 13, 2012</b>
Organized Sessions Proposal	Submission of full papers	Notification of acceptance	Final paper submission