

# SII2011

**SICESO**  
The Society of Instrument and Control Engineers since 1961**in Kyoto**

## 2011 IEEE/SICE International Symposium on System Integration (SI International 2011)

Clock Tower Centennial Hall, Kyoto University, Kyoto, Japan  
December 20–22, 2011

*Co-Sponsored by:*

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

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**IMPORTANT DATES:**

**September 23, 2011**

**Full Papers Due**

**October 30, 2011**

**Notification of Acceptance**

**November 15, 2011**

**Final Papers Due**

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. 2011 IEEE/SICE International Symposium on System Integration (SI International 2011, SII2011) will be held as the fourth 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.

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, ...

**Full Papers** should be submitted in PDF format. Six camera-ready pages including figures are allowed for each paper. All accepted papers will be presented in oral sessions. Detailed instructions for paper submission are available on the conference website. All presented at the conference papers will be included in **IEEE Xplore**.

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