SICE - ICASE International Joint Conference 2006 (SICE - ICCAS 2006)

October 18(Wed.)-21(Sat.), 2006
BEXCO(Busan Exhibition & Convention Center), Busan, KOREA   **http://sice-iccas.org/**

SICE - ICASE International Joint Conference 2006 will be held at the BEXCO (Busan Exhibition & Convention Center, http:// www.bexco.co.kr) in Busan, Korea on October 18-21, 2006.
SICE - ICASE International Joint Conference 2006 will bring together researchers, engineers and practitioners to present the latest accomplishments, innovations and potential future directions in instrumentation, control, automation, information technology, systems, and their applications. All the submitted papers must be written and presented in English. Organized Sessions (Special Sessions) are welcome. Five or six papers should be submitted together for an organized session. Papers are invited on all aspects of innovative theory and applications of instrumentation, control, automation, and information technology. **Topics** include but are not limited to

■ **Control Theory and Applications**
- Linear/Nonlinear Control
- Adaptive/Robust Control
- Identification and Estimation

■ **Control Devices and Instruments**
- Power Electronics
- Hydraulic/Pneumatic Systems
- MEMS and Nano Technology

■ **Sensors and Signal Processing**
- Sensors and Instrumentation
- Signal Processing
- Fault Diagnosis

■ **Intelligent Systems**
- Artificial Neural Networks
- Fuzzy Systems
- Intelligent Control

■ **Information and Networking**
- Real-Time Systems
- Embedded Systems
- Network-based Control Systems

■ **Manufacturing Systems and Automation**
- Modeling and Simulations
- Factory Automation and CIM
- Automation Network

■ **Others**

■ **Process Systems**
- Process Control and Monitoring
- Process Design and Optimization
- Process Automation

■ **Industrial Applications**
- Automotive Systems
- Power Systems
- Communication Systems

■ **Navigation, Guidance and Control**
- Navigation Algorithms
- Guidance Technologies
- GPS

■ **Multimedia Systems**
- Database
- Data Fusion
- Computer Animation

■ **Robotics and Applications**
- Robotic Systems and Control
- Robot Vision
- Virtual Reality

■ **Biomedical Engineering Systems**
- Biomedical Instrumentation
- Biomedical Signal Processing
- Bio-Systems and Control

Regular Paper Submission

Authors are invited to submit an extended summary on 2 pages of A4 to **http://sice-iccas.org/**. If authors have problems in submission through the homepage, please feel free to contact the secretariat.

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The extended abstract should include **authors' names, addresses, affiliations, names of presenters, postal mails and E-mail addresses** of corresponding authors, and phone / facsimile numbers. **Important dates** are as follows:

May 10, 2006	:	**Submission of extended abstracts and organized sessions**
June 5, 2006	:	**Notification of paper acceptance**
August 4, 2006	:	**Submission of final camera-ready papers**

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Organized Sessions

The goal of organized sessions is to provide focused discussions on a new topic or innovative applications of a new approach. Proposals for organized sessions should be submitted by ~~April 15~~ **April 22, 2006** to the Organized Sessions Co-Chairs below. Each Invited Session consists of five or six papers, which will be reviewed via the normal review process. In case an invited paper is not accepted, it will be replaced by a relevant paper. The proposal should be submitted by the session organizer electronically, and include a brief statement of the focus of the session, along with the authors' names and titles of individual papers submitted.

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Workshops and Tutorials

Requirements for Proposals

Proposals for workshops or tutorials that address the 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.

Submission

Proposals following the format above must arrive at the address below through e-mail by **May 15, 2006**.

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Exhibition

There will be an exhibition site at the conference. During the conference, the exhibition will be held in the same building where many leading companies in control and automation fields from all over the world will exhibit their products. Reservations for space and further information can be obtained from

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