

2007 International Conference on Control, Automation and Systems (ICCAS 2007)

October 17(Wed.)-20(Sat.), 2007
COEX (Convention & Exhibition), Seoul, KOREA

<http://iccas.org/>

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ICCAS 2007 will be held at the COEX (Convention & Exhibition, <http://www.coex.co.kr/>) in Seoul, Korea on October 17-20, 2007.

ICCAS 2007 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 are welcome. Five or six papers should be submitted 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

■ Robotics and Applications

- ◆ Robotic Systems and Control
- ◆ Robot Vision
- ◆ Virtual Reality

■ Control Theory and Applications

- ◆ Linear/Nonlinear Control
- ◆ Adaptive/Robust Control
- ◆ Identification and Estimation

■ Biomedical Engineering Systems

- ◆ Biomedical Instrumentation
- ◆ Biomedical Signal Processing
- ◆ Bio-Systems and Control

■ Industrial Applications

- ◆ Automotive Systems
- ◆ Power Systems
- ◆ Communication Systems

■ Navigation, Guidance and Control

- ◆ Navigation Algorithms
- ◆ Guidance Technologies
- ◆ GPS

■ Manufacturing Systems and Automation

- ◆ Modeling and Simulations
- ◆ Factory Automation and CIM
- ◆ Automation Network

■ Others

■ Sensors and Signal Processing

- ◆ Sensors and Instrumentation
- ◆ Signal Processing
- ◆ Fault Diagnosis

■ Intelligent Systems

- ◆ Artificial Neural Networks
- ◆ Fuzzy Systems
- ◆ Intelligent Control

■ Process Systems

- ◆ Process Control and Monitoring
- ◆ Process Design and Optimization
- ◆ Process Automation

■ Control Devices and Instruments

- ◆ Power Electronics
- ◆ Hydraulic/Pneumatic Systems
- ◆ MEMS and Nano Technology

■ Information and Networking

- ◆ Real-Time Systems
- ◆ Embedded Systems
- ◆ Network-based Control Systems

■ Multimedia Systems

- ◆ Database
- ◆ Data Fusion
- ◆ Computer Animation

Paper Submission

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

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Important dates are as follows:

April 15, 2007	: Submission of organized session proposal
April 30, May 10, 2007	: Submission of extended abstracts (Extended)
June 15, 2007	: Notification of paper acceptance
July 31, August 8, 2007	: Submission of final camera-ready papers (Extended)

Organized by

Institute of Control, Robotics and Systems (ICROS)

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Chinese Automatic Control Society, China Instrument Society (CACS)

The Chinese Association of Automation (CAA)

The Chinese Association for Artificial Intelligence (CAAI)



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** to the Organized Sessions Co-Chairs below. Each Organized 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.

Prof. Jae Weon Choi (Pusan National Univ.)
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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, 2007**.

Prof. Jae-Bok Song (Korea Univ.)
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