CALL FOR PAPERS

SICE Annual Conference 2004

August 4-6, 2004, Hokkaido Institute of Technology, Sapporo, JAPAN

Web Site: http://www.sice.or.jp/~sice2004/

The SICE Annual Conference (SICE2004), sponsored by the Society of Instrument and Control Engineers (SICE) of Japan, will be held at Hokkaido Institute of Technology, Sapporo, Japan on August 4-6, 2004. More than 1000 researchers have participated in recent SICE Annual Conferences. Activities of the SICE are wide-ranging: from measurement and control to a variety of systems analyses and designs, from theory to application, from software to hardware. Newly developed interdisciplinary ideas and concepts transferable from one field to another are especially welcome.

Relevant topics include:

- Sensors and Transducers
- Signal and/or Image Processing
- Identification and Estimation
- Opto-Electronic Measurement
- Remote Sensing
- Mass and Force Measurement
- Temperature Measurement
- Ultra-High Precision Measurement
- Analytical Measurement
- Standard of Measurement
- Flow Measurement and Control
- Multivariable Control
- Nonlinear Control
- Robust Control
- Adaptive and Optimal Control
- Intelligent Control
- Computer Aided Design
- Modeling and System Identification and Estimation
- Process Control
- Mechanical Systems Control
- Guidance and Flight Control
- Power Systems Control
- System Theory and Engineering
- Human-Machine Systems
- Biological and Physiological Engineering
- Intelligent Systems
- Neural Networks
- Autonomous Decentralized Systems
- Discrete Event Systems
- Mechatronics Systems
- Robotic and Automation Systems
- Virtual Reality Systems
- Entertainment Systems
- Micro and Nano Systems
- Medical and Welfare Systems
- Safety, Environmental, and Eco-Systems
- Agricultural and Bio-Systems
- Rescue Systems
- Simulation of Large Systems
- Network System Integration
- Process Automation
- Factory Automation
- Laboratory Automation
- Information Management Systems
- Information Technology Applications
- SCADA and Network Systems
- Manufacturing Systems
- Transportation Systems
- Components and Devices
- Emergent Technologies

Authors should submit an extended abstract of 800-1000 words in English or 2000-3000 characters in Japanese, including paper title, author names, addresses, affiliations, name of the presenter, postal mail and E-mail addresses of the corresponding author and telephone/fax numbers. The extended abstract should clearly describe the salient concepts and novel features of their work, including purpose and results, for a meaningful review by the Technical Program Committee. Submitting instructions will be published on the SICE 2004 website.

Important Dates:

- Notification of Acceptance: April 17, 2004
- Deadline for Submission of Final Manuscript: May 22, 2004
- Deadline for Submission of Extended Abstract: February 27, 2004
- Deadline for Proposal of Organized Session: February 1, 2004

All accepted papers and posters must be written in English. For oral sessions, presentations must be in English. For poster sessions, oral presentations must be in either English or Japanese. Papers should be prepared according to the guidelines to be published on the SICE 2004 website. All conference participants, including authors and session chairpersons, are expected to pay conference registration fees and their own travel expenses. For selected young foreign researchers who have shown a potential to contribute to the field of Instrument and Control Engineering SICE International Scholarships will be granted for the purpose of defraying some of the cost of travel to Japan to present their papers.

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