4th International Conference on Intelligent Control and Information Processing

June 9-11, 2013, Beijing, China

4th International Conference on Intelligent Control and Information Processing (ICICIP 2013), organized by Institute of Automation, Chinese Academy of Sciences, will be held in Beijing, China, as a sequel of ICICIP 2010 in Dalian, ICICIP 2011 in Harbin, and ICICIP 2012 in Dalian. Beijing, as the capital of the People's Republic of China, is the nation's political, economic, and cultural center as well as China's most important center for international trade and communications. ICICIP 2013 aims to provide a high-level international forum for scientists, engineers, and educators working in the areas of information and control to present state-of-the-art sciences and technologies, and their applications in diverse fields. The conference will feature plenary speeches given by worldwide renowned scholars, regular sessions with broad coverage, and special sessions focusing on some popular topics.

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■ Call for Papers

Topics of contributing papers include, but are not limited to, the following areas:

Intelligent Control and Automation

Autonomous systems
Learning and adaptive control systems
Intelligent control theory and applications
Hybrid intelligent systems
Fuzzy logic control
Industrial networks and automation
Process control
Microprocessor-based control
Intelligent robots
Aerospace applications

Decision support systems
Intelligent fault detection and identification
Network intelligence and network control
Neural networks based control systems
Mechatronic systems and optimization algorithms
Environmental monitoring and control
Intelligent manufacturing systems
Motor control and power systems
Intelligent vehicle control
Other applications

Intelligent Information Processing

Adaptive filtering & signal processing
Higher order spectral analysis
Neural signal processing
Array signal processing
Time series analysis
Design and implementation of signal processing systems
Image and multidimensional signal processing
Computer vision & pattern recognition
Bioimaging and signal processing
Multimedia communications
Next generation mobile communications
Sensor networks
Other applications

Audio/speech processing and coding
Nonlinear & blind signal processing
Component analysis array signal processing
Parallel and distributed processing
Multimedia signal processing
DSP Implementations and embedded systems
Image processing & understanding
Computer vision & virtual reality
Communication signal processing
Modulation and channel coding
Network coding
Cryptography and information security

Prospective authors are invited to contribute high-quality papers to ICICIP 2013. All papers should be written in English and prepared in two-column with length of maximum 8 pages. The ICICIP 2013 program committee will select high-quality papers for oral or poster presentation based on reviews. All accepted papers will be published in the Proceedings of ICICIP 2013 to be included in IEEE Xplore and indexed in EI. Detailed format for the final paper preparation can be found at the website.

■ Call for Special Sessions

Proposals for special sessions within the technical scopes of the conference are solicited. Special sessions, to be organized by internationally recognized experts, aim to bring together researchers in special focused topics. Papers submitted for special sessions are to be peer-reviewed with the same criteria used for the contributed papers. Researchers interested in organizing special sessions are invited to submit formal proposals to ICICIP 2013. A special session proposal should include the session title, a brief description of the scope and motivation, names, contact information and brief biographical information of the organizers.

For more information, please visit http://www.conference123.org/icicip2013

■ Important Dates

Special session proposals deadline
February 1, 2013

Paper submission deadline
February 1, 2013

Notification of paper acceptance
March 5, 2013

Final paper submission deadline
March 20, 2013

Conference Dates
June 9-11, 2013

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