Third International Conference on Intelligent Control and Information Processing

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Call for Papers

Dalian, China; July 15-17, 2012

Third International Conference on Intelligent Control and Information Processing (ICICIP 2012), organized by Dalian University of Technology, will be held in the popular summer resort city Dalian in northeastern China, as a sequel to ICICIP 2010 in Dalian and ICICIP 2011 in Harbin. ICICIP 2012 aims to provide a broad international forum for scientists, engineers, and educators working in the areas of information and control to discuss state-of-the-art sciences and technologies, and their applications in diverse areas. The conference will feature plenary speeches given by worldwide renowned scholars and some special sessions focusing on some popular topics.

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
Other 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

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

Procedures: Prospective authors are invited to submit papers in any of the technical areas listed above. All papers should be written in English and prepared in two-column with length of maximum 8 pages. The ICICIP 2012 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 2012 to be included in IEEE Xplore and indexed in EI. Detailed format for the final paper preparation can be found at the web site.

Important Dates:

Paper submission deadline	April 1, 2012
Notification of paper acceptance	May 1, 2012
Final paper submission deadline	June 1, 2012
Conference dates	July 15-17, 2012

Enquiry and Information
http://icicip.dlut.edu.cn/   icicip@dlut.edu.cn

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