



## Fifth International Conference on Innovative Computing Information and Control (ICICIC2010)

December 20-22, 2010, Xi'an, China

### Call for Papers

#### Honorary Chairs

Jian Ma

*Chang'an University, China*

Takeshi Yamakawa

*Kyushu Institute Technology, Japan*

#### General Chairs

Xiangmo Zhao

*Chang'an University, China*

Peng Shi

*University of Glamorgan, UK*

Jeng-Shyang Pan

*Kaohsiung Univ. of Applied Sciences, Taiwan*

#### Advisory Committee Chairs

Masaharu Mizumoto

*Osaka Electro-Communication Univ., Japan*

Ai-Min Sha

*Chang'an University, China*

Junzo Watada

*Waseda University, Japan*

#### Program Committee Chairs

Yan Shi

*Tokai University, Japan*

Huansheng Song

*Chang'an University, China*

#### Local Organizing Committee Chairs

Haichen Wang

*Chang'an University, China*

Zhonglei Fan

*Chang'an University, China*

#### Publicity Chairs

Zhong Zhang

*Toyohashi University of Technology, Japan*

Dongsoo Kim

*Soongsil University, Korea*

Chaoyun Sun

*Chang'an University, China*

Sawai Pongswatd

*King Mongkut's Institute of Technology*

*Ladkrabang, Thailand*

#### Invited Session Chairs

Mikhail V. Basin

*Autonomous University of Nuevo Leon, Mexico*

Xiangpei Hu

*Dalian University of Technology, China*

Tzung-Pei Hong

*Kaohsiung University, Taiwan*

#### Publication Chairs

Takuo Nakashima

*Tokai University, Japan*

Youquan Liu

*Chang'an University, China*

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The Fifth International Conference on Innovative Computing, Information and Control (ICICIC2010) (<http://www.ijicic.org/icicic2010.htm>) organized by ICIC International and Chang'an University, sponsored by Tokai University (Japan), Dalian University of Technology (China), Dalian Maritime University (China), Yanshan University (China), Kaohsiung University of Applied Sciences (Taiwan), SOFT Kyushu Chapter (Japan), etc., will be held on December 20-22, 2010, Xi'an, China.

ICICIC2010 is a continuation of ICICIC2006 (Beijing, China), ICICIC2007 (Kumamoto, Japan), ICICIC2008 (Dalian, China) and ICICIC2009 (Kaohsiung, Taiwan). The aims of the conference are to enhance international academic exchanges on related topics and to provide a chance for communications among researchers.

#### Scope

Papers are solicited for, but not limited to:

- Approximate reasoning
- Artificial intelligence and expert systems
- Bioinformatics
- Clustering and data analysis
- Complex and large scale systems
- Computer Organization
- Control education
- Decision support systems
- Discrete event systems
- Distributed Computing
- Embedded System
- Environmental and bio-engineering
- Evolutionary computation
- Fault detection
- Filtering on linear and nonlinear systems
- Fuzzy systems and rough sets
- Fuzzy optimization and decision making
- Guidance and navigation systems
- Human-machine learning
- Hybrid intelligent systems
- Image and speech signal processing
- Information theory and applications
- Intelligent fault detection and identification
- Intelligent information systems
- Intelligent Transportation System
- Knowledge-based systems
- Knowledge discovery and data mining
- Learning systems
- Management science
- Manufacturing systems
- Networked control systems
- Neural networks
- Optimal, adaptive, predictive control
- Optimization techniques
- Power systems
- Real-time systems
- Robotics and motion control
- Robust, fuzzy and reliable control
- Robustness analysis
- Signal and image processing
- Soft computing
- System identification
- Stochastic systems
- Supervisory systems
- Transportation Control Theory
- Transportation Information Engineering
- Transportation Signal Detection and Control
- Transportation systems
- Web Services
- Others

#### Paper Submission

Papers are invited from prospective authors with interest on the related areas. Each paper should be written with title, authors' names, affiliation, email addresses, an up to 150-words abstract, and a one-column body within 6 single-spaced pages and with font size at 12 pt. All papers **MUST** be submitted electronically in PDF format only (no more than 1.5MB size) via: [icicic2010@ijicic.org](mailto:icicic2010@ijicic.org).

Accepted papers presented at **ICICIC2010** will be recommended for publication in **ICIC Express Letters (ICIC-EL)** (indexed by Ei Compendex, etc.), <http://www.ijicic.org/icicel.htm>.

In addition, some high standard papers presented at ICICIC2010 will be selected for publication in **International Journal of Innovative Computing, Information and Control (IJICIC)** (indexed by SCI, Ei Compendex, etc.), [www.ijicic.org](http://www.ijicic.org) after significant extension and re-review.

The submission of a paper implies that the paper is original, has not been published or submitted under review or is not copyright-protected elsewhere, and will be presented at the conference by an author if accepted. All submitted papers will be refereed by experts in the field based on the criteria of originality, significance, quality, and clarity.

#### Important Dates

Submission

Notification of acceptance

Final manuscript submission

Registration

Registration fee: JPY56,000 (out of China), RMB3,800 (in China)

**June 20 – July 30, 2010**

**Aug 20 – Sep 10, 2010**

**Sep 20 – Oct 10, 2010**

**Sep 20 – Oct 10, 2010**