

IEEE SMC Hiroshima Chapter

**CALL FOR PAPERS**  
**for General Session**

**4<sup>th</sup> International Workshop on**  
**COMPUTATIONAL INTELLIGENCE &**  
**APPLICATIONS**  
**(IWCIA 2008)**

10, 11-Dec-2008

Hiroshima University, Japan

## CALL FOR PAPERS for General Session

SMC-Hiroshima Chapter, 4<sup>th</sup> International Workshop on Computational Intelligence & Applications

Sponsors: IEEE SMC Hiroshima Chapter,

Cooperation:

Information Processing Society of Japan, Chugoku Branch,  
Japan Ergonomics Society, Chugoku and Shikoku Branch,  
Japan Society for Fuzzy Theory and Intelligent Informatics, Chugoku and Shikoku Branch,  
The Society of Instrument and Control Engineers, Chugoku Branch,  
The Institute of Electrical Engineers of Japan, Chugoku Branch,  
Japan Association for Management Systems, Chugoku and Shikoku Branch,  
The Operations Research Society of Japan, Chugoku and Shikoku Branch, and  
The Institute of Electronics, Information and Communication Engineers, Chugoku Branch

Date: December 10, 11-2008

Location: Library Hall, Central Library, Hiroshima University, Higashi-Hiroshima Campus  
Kagamiyama 1-2-2, Higashi-Hiroshima, Hiroshima, JAPAN.

We are pleased to announce the fourth international workshop on Computational Intelligence & Applications, which is organized by SMC Hiroshima Chapter and will be held in Hiroshima University. Presentations and materials will be in English. This workshop will focus on fundamentals of computational methods and system sciences, where specialized tutorial sessions will be organized along with paper presentations.

### Subjects:

The papers in the workshop will include the following topics:

- Applied Computational Intelligence
- Intelligent Distributed Systems
- Reasoning & Learning,
- Expert Systems / Decision Support Systems
- Intelligent Control Systems
- Intelligent Environmental Systems
- Intelligent Safety Systems
- Intelligent Energy Systems
- Intelligent Robotic Systems
- Human Factors
- Applied Artificial Intelligence
- System of Systems

- Computer Vision
- Human-Computer/Machine Interactions
- Sensing Engineering
- Geographical Information Systems & Applications

### **Submissions:**

Submission of entry/full paper, author and affiliations could be directed to Organization committee, E-mail: [ml-ieee-smc-hiroshima-ws@hiroshima-u.ac.jp](mailto:ml-ieee-smc-hiroshima-ws@hiroshima-u.ac.jp)

The entry will include following information:

1) Title of the paper, 2) Author(s)' name, 3) Affiliation(s), 4) E-mail address, 5) Phone/FAX number, 6) Keyword(s), and 7) Session (General Session / Student Session). Please select "General Session" here.

### **Submission Deadline:**

ENTRY: 25-Aug-2008

Full Paper: 22-Sep-2008.

### **Registration fee:**

Regular: 3,000 JPN.

Students: 0 JPN.

### **Tutorials**

This workshop will have unique tutorial sessions on fundamental computational intelligence and systems methods on:

- Intelligent Distributed Systems
- Modeling & Simulation
- Statistical Methods and Trend Analysis
- Soft-Computing
- Sustainable Design Engineering
- Human Factors

**In this workshop we have new key features:**

1. Internationally recognized Invited Speakers
2. SoftwareContest, which is an open contest for all students and researchers
3. Focused Tutorials on Fundamental Computational Methods and Systems Sciences
4. Research Papers (students, researchers, and professional from industry)
5. Best Paper Awards (Students, Researchers)

**Conference Organization**

**General Chair:**

Hideki Katagiri, Hiroshima University, Hiroshima, JAPAN.

**Program Chairs:**

Kosuke Kato, Hiroshima University, Hiroshima, JAPAN,  
Takumi Ichimura, Hiroshima City University, JAPAN, and  
Hisashi Handa, Okayama University, Okayama, JAPAN.

**Publication Chair:**

Tomohiro Hayashida, Hiroshima University, Hiroshima, JAPAN.

**Publicity Chair:**

Yoshiyuki Tanaka, Hiroshima University, Hiroshima, JAPAN.

**Advisory Chair:**

Hossam A. Gabbar, University of Ontario Institute of Technology, CANADA.