



<http://wacong.org>

神戸でのWAC2010に是非参加ください

September 19-23 - Kobe, Japan

WAC 2010 is dedicated jointly to Professor *Takeshi Yamakawa*, for his fundamental contributions to soft computing practice with global reach AND to Professor *Toshio Fukuda*, for his excellent contributions to robotics and automation.



ISSCI 2010 8th International Symposium on Soft Computing for Industry

Chair: **Diego Andina**, Universidad Politecnica de Madrid, Spain (andina@gc.ssr.upm.es)

Co-chair: **Matthias Reuter**, Tech. Universität Clausthal, Germany (Matthias.reuter@cutec.de)

Call for Papers for the 8th International Symposium on Soft Computing for Industry (ISSCI)

The Organizing Committee is pleased to invite you to submit papers to and attend the international World Automation Congress 2010 on ISSCI in Kobe, Japan, September, 19th - 23rd, 2010. ISSCI - the 8th International Symposium on Soft Computing for Industry aims to bring together scientists, developers and users of hard- and software applications in which the principles of computational intelligence techniques are involved. By providing a number of themed tracks (both fundamental themes and application areas), the Program Committee has attempted to provide foci for scientific contributions while offering an opportunity to the participants to engage in stimulating discussions with colleagues who may have quite different application frames of reference.

Topics:

We solicit papers on theoretical issues and their applications related to Soft Computing Methods. Suggested topics include but are not limited to Theory and Software/Hardware Implementations of soft-computing techniques such as:

- Neural Nets
- Fuzzy Systems
- Fuzzy-Neural Systems
- Evolutionary Systems
- Cognition
- Swarm Intelligence
- Pattern Recognition
- Decision Theory
- Decision Tree
- Rough sets
- Data Mining
- Learning
- Case-based reasoning
- Genetic Algorithms
- Support Vector Machines

and all kinds of R&D, industrial, educational, medical or financial applications of these methods.

ISOMA-ISSCI 2010 Joint Sessions:

Manufacturing : “Factory of the Future” (FoF)

Chair: Michael Packianather

Manufacturing Eng. Center, Cardiff UK.

“Intelligent Applications for Transportation Systems”

Chair: Pablo Cortés

Universidad de Sevilla, Spain.

Factory Automation & Industrial Informatics

Chair: Armando Colombo,

Schneider Electric , Germany.

Co-Chair: Michael Hoepf , FhG-IPA, Germany

(Inform that you are organizing a Special Session to ISSCI Chair andina@gc.ssr.upm.es)

Special Sessions:

“Computational Intelligence (CI)”

Chair: Alireza Sadeghian

Ryerson Univ, Canada.

“Applications of CI to Financial Modelling” “System of Systems” (SoS)

Chair: Tshilidzi Marwala,

University of Johannesburg, South Africa.

“Intelligent Systems” (IS)

Chair: Gordon Lee, San Diego SU, USA

Co-Chair: Jinshi Cui

Peking Univ. (China).

“Challenges in Engineering

Education within Control Automation”

Chairs: M T Restivo, U. Porto. A.Mendes

Lopes FEUP, F. Soares U. Minho (Portugal)

“New Bioinspired SC Models”

Chair: Diego Andina,

Tech. Univ. of Madrid, Spain

Chair: Stefano Panzieri

University Roma Tre

“Intelligent Sensors, Signal Treatment and and Robust Control in Sensors

Chair: Wilmar Hernández,

Tech. Univ. of Madrid, Spain.

“Signal processing”

Chair: César Benavente

Tech. Univ. of Madrid, Spain

Special Issues of the *AutoSoft* and *IC-MED Journals* - ISSCI accepted and presented papers can be coordinated into a unified theme as special issue of the WAC (Special Sessions proposals Due **December 15, 2009)**

International Committee:

Michael Packianather (UK)

Chung-Shi Tseng (Taiwan)

Antonio Vega-Corona (Mexico)

Toshiharu Hatanaka (Japan)

Stefano Panzieri (Italy)

Le Minh Duc (Viet Nam)

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Farhat Fnaiech (Tunisia)

Low Yoke Hean Malcolm (Singapore)

Horváth László (Hungary)

Shyi-Ming Chen (Taiwan)

Francesco Masulli (Italy)

Ricardo de Córdoba (Spain)

Official publications – *Intelligent Automation and Soft Computing – AutoSoft Journal* (a well-respected 12-year old journal which is being abstracted at numerous sites and services around the world, autosoftjournal.org), as well as *Intelligent Computing in Medical Sciences and Image Processing – IC-MED Journal* For more details, contact Mo Jamshidi (moj@wacong.org) or Yutaka Hata (hata@ieee.org), respectively. WAC papers will be indexed in IEEE Xplore database, and other prestigious international indexes.

WAC 2010 is being organized by **TSI Enterprises, Inc.**, San Antonio, TX, USA



Time Schedule*:

Special Sessions & regular papers Due**February 28th., 2010**

Full papers (6 pages long)_with session title and perspective chairs

AcceptanceMay 1, 2010

Final manuscripts upload and deposit payments due.....June 1, 2010

Early Registration due dateJune 21, 2010

Congress **September 19-23, 2010**

*Authors can register and upload their contributions for special or regular sessions on <http://wacong.org> in the ISSCI track.