# ICCC 2005 3rd IEEE International Conference on Computational Cybernetics

April 13-16, 2005



# Hotel Le Victoria **Mauritius**

#### **Honorary Chairman**

Lotfi A. Zadeh

#### **Honorary Committee**

Z. Z. Bien, KAIST, Korea

A. C. Davies, IEEE R8 Director

T. Fukuda, University of Nagoya, Japan

W. Gruver, IEEE SMC President

K. Hirota, Tokyo Institute of Technology, Japan

M. Jamshidi, ACE Center, University of NM, USA

L. T. Kóczy, BUTE, Hungary

E. H. Ruspini, SRI International, USA

G. Mohamedbhai, Vice Chancellor of UOM

### **Steering Committee**

J. Fodor, Szent István University, Hungary

I. J. Rudas, Budapest Tech, Hungary

H. Takagi, Kyushu University, Japan

A. R. Várkonyi-Kóczy, BUTE, Hungary

P. Várlaki, BUTE, Hungary

#### **General Co-chairs**

Imre J. Rudas

Budapest Tech, Budapest, Hungary

E-mail: rudas@bmf.hu

Chawdhurry Bhurtun

University of Mauritius

#### Secretary General

Anikó Szakál, Budapest Tech, Hungary E-mail: szakal@bmf.hu

# **Organizing Committee Chair**

József Gáti, Budapest Tech, Hungary

#### **Organizing Committee**

Attila L. Bencsik, Budapest Tech, Hungary Gyula Kártyás, Budapest Tech, Hungary Ilona Reha, Budapest Tech, Hungary József K. Tar, Budapest Tech, Hungary

### **Technical Program Chair**

József K. Tar

Budapest Tech, Hungary E-mail: tar.jozsef@nik.bmf.hu

#### Sponsored by:

IEEE SMC Chapter, Hungary IEEE CI Chapter, Hungary IEEE Joint Chapter of IES and RAS, Hungary University of Mauritius Hungarian Fuzzy Association Budapest Tech, Hungary

Technical Co-sponsored by:

IEEE IES IEEE SMC IEEE Region 8

### In Technical Cooperation with

#### **EUROFUSE**

Japan Society for Fuzzy Theory and Intelligent Informatics John von Neumann Computer Society

Computational Cybernetics is the synergetic integration of Cybernetics and Computational Intelligence techniques. Hence the topics of the ICCC covers not only mechanical, but biological (living), social and economical systems and for this uses computational intelligence based results of communication theory, signal processing, information technology, control theory, the theory of adaptive systems, the theory of complex systems (game theory, operational research), and computer science.

#### **Submission of Papers**

The working language of the conference is English. Prospective authors are invited to submit a full paper (max. 6 pages in IEEE double column format) including authors' names, affiliations, mailing address, E-mail, telephone and fax numbers to the Technical Program Committee Chair. The paper format can be found on the conference website: http://www.bmf.hu/conferences/iccc2005

## Paper Acceptance

Each accepted paper has to be presented by one of the authors at the conference and must be accompanied with a registration fee.

# **Author's Schedule**

Dec 30, 2004 Deadline for proposals for special sessions and tutorials: Deadline for submission of papers: Dec 30, 2004 Notification of acceptance: Jan 10, 2005 Deadline for submission of final manuscripts: Febr 10, 2005

# http://www.bmf.hu/conferences/iccc2005







#### **Technical Program Committee**

- M. Badida, Technical University of Kosice, Slovakia
- I. Batyrshin, Kazan State Technical University, Russia P. Baranyi, Budapest University of Technology
- and Economics, Hungary G. Dimirovski, Sts. Cyril and Method University, Macedonia
- Furuhashi, Mie University, Japan
- G. Hancke, University of Pretoria, South Africa J. Kacprzyk, Polish Academy of Sciences, Poland
- L. Horváth, Budapest Tech, Hungary

- T. Kaino, Aoyama Gakuin University, Japan
- L. Madarász, Technical University of Kosice, Slovakia
- J. Kelemen, Silesian University, Czech Republic D. Kocur, Technical University of Kosice,
- Slovakia F. Kostka, Czech Academy of Sciences, Czech
- Republic
- T. Onisawa, Tsukuba University, Japan E. Pap, University of Novi Sad, Yugoslavia
- A. Moshaiov, Tel-Aviv University, Israel
- B. Pátkai, Tampere University of Technology, Finland
- J. Pinker, University of West Bohemia, Czech Republic
- P. Sincák, Technical University of Kosice, Slovakia
- K. Tanie, AIST, Japan
  - J. K. Tar, Budapest Tech. Hungary
- T. J. Tarn, Washington University, USA
- A. R. Várkonyi-Kóczy, Budapest University of Technology and Economics, Hungary
- H. J. Zimmermann, RWTH Aachen, Germany