

CALL FOR PAPERS CIMCA2005 & IAWTIC2005

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CALL FOR PAPERS

International Conference on Computational Intelligence for Modelling,
Control and Automation
28 – 30 November 2005 Vienna, Austria
<http://www.ise.canberra.edu.au/conferences/cimca05/>

In co-operation of:
IEEE Computational Intelligence Society

Sponsored by:
European Society for Fuzzy Logic and Technology – EUFLAT
International Association for Fuzzy Set in Management and Economy – SIGEF
Japan Society for Fuzzy Theory and Intelligent Informatics – SOFT
Taiwan Fuzzy Systems Association – TFSA
World Wide Web Business Intelligence – W3BI
Hungarian Fuzzy Association – HFA
University of Canberra

Jointly with
International Conference on Intelligent Agents, Web Technologies
and Internet Commerce
<http://www.ise.canberra.edu.au/conferences/iawtic05/>

Honorary Chair:
Lotfi A. Zadeh, University of California, USA
Stephen Grossberg, Boston University, USA

The international conference on computational intelligence for modelling, control and automation will be held in Vienna, Austria on 28 to 30 November 2005. The conference provides a medium for the exchange of ideas between theoreticians and practitioners to address the important issues in computational intelligence, modelling, control and automation. The conference will consist of both plenary sessions and contributory sessions, focusing on theory, implementation and applications of computational intelligence techniques to modelling, control and automation. For contributory sessions, papers (4 pages or more) are being solicited. Several well-known keynote speakers will address the conference. Topics of the

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conference include, but are not limited to, the following areas:

Modern and Advanced Control Strategies:

Neural Networks Control,
Fuzzy Logic Control,
Genetic Algorithms and Evolutionary Control,
Model–Predictive Control,
Adaptive and Optimal Control,
Intelligent Control Systems,
Robotics and Automation,
Fault Diagnosis,
Intelligent agents,
Industrial Automations

Hybrid Systems:

Fuzzy Evolutionary Systems,
Fuzzy Expert Systems,
Fuzzy Neural Systems,
Neural Genetic Systems,
Neural–Fuzzy–Genetic Systems,
Hybrid Systems for Optimisation

Data Analysis, Prediction and Model Identification:

Signal Processing,
Prediction and Tim