



CALL FOR PAPERS

International Journal of Computational Intelligence Systems

An international journal on computational intelligence research, developments and applications

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Aims and scope

The International Journal of Computational Intelligence Systems aims at covering state-of-the-art research and development in all fields where computational intelligence is applied. The journal publishes original papers on foundations and new developments of computational intelligence with an emphasis on applied research, including current and potential applications of methods and techniques derived from computational intelligence research.

The journal seeks original contributions in the area of applied computational intelligence research in general, with a focus on applications using new, emerging technologies originating from computational intelligence research. Applications may range from information technology and (nuclear) energy supply to environmental, societal and security related topics.

Papers submitted to International Journal of Computational Intelligence Systems will all be double peer reviewed. Recognising the importance of a fast publication of papers, the journal commits itself to publishing a paper within 3 months after submission (unless major revisions of the paper are needed). For this, we have set an average review time of 10 weeks for a paper. Also, the journal applies the principle of 'rolling publication', so as soon as a paper has been accepted it will be published on-line.

Topics to be considered include, but are not limited to:

Methodologies Fuzzy logic · Neural networks · Genetic algorithms · Probabilistic computing · Hybrid methods · Chaos theory · Rough set theory · Evidence theory · Interactive computational models · AI and expert systems · Machine learning

Domains of application Decision support systems · Process and system control, System identification and modeling, and Optimization · Signal or image processing, Pattern recognition · Condition monitoring, Fault diagnosis, and Systems integration · Internet tools, Human-machine interface · Time series prediction, Noise analysis, Real time systems · Robotics · Virtual reality, Telecommunications · Consumer electronics, Industrial electronics, (*nuclear*) Power and energy · Data mining, Data visualization, Intelligent information retrieval, and Autonomous reasoning · E-science and technology · Risk analysis and safety related issues

First issue due for October 2007

Original research papers within the scope of IJCIS are invited for submission to the editor-in-chief:

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