1995 IEEE International Conference on Neural Networks

27 November - 1 December 1995

1995 IEEE International Conference on Evolutionary Computation 29 November - 1 December 1995



Perth, Western Australia ICNN/ICEC General Chair: Yianni Attikiouzel University of Western Australia



ICNN Technical Program Co-Chairs: Marimuthu Palaniswami, University of Melbourne Toshio Fukuda, Nagoya University Robert J Marks II, University of Washington

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US Liaison Jim Bezdek, University of West-Florida
European Liaison Peter Noakes, University of Essex

Natural and artificial neural networks and associated

topics:
Applications—Motion Analysis Architectures— Neurobiology— Artificially Intelligent Neural Networks— Neurocognition— Associative Memory—Neurodynamics— Computational Intelligence—Optimization—Cognitive Science—Pattern Recognition—Filtering—Prediction—Fuzzy Neural Systems— Robotics—Hybrid Systems— Sensation and Perception—Image Processing— Sensorimotor Systems Implementations—Speech, Hearing and Language—Intelligent Control—System Identification—Learning and Memory—Supervised/Unsupervised Learning—Machine Vision—Time Series Analysis

ICEC Technical Chair David B. Fogel Natural Selection, Inc. Assistant Technical Chair; Ah Chung Tsoi, University of Queensland

Theory and applications of genetic and evolutionary algorithms, and associated topics:

Theory of evolutionary computation—Applications of evolutionary computation—Efficiency/robustness comparisons with other direct search algorithms—Parallel computer implementations—Artificial life—Evolutionary algorithms for computational intelligence—Comparisons between different variants of evolutionary algorithms—Machine learning applications—Evolutionary computation for neural networks—Fuzzy logic in evolutionary algorithms

ADDRESSES

ICNN'95 submissions and all other correspondence regarding the conferences, except submissions of papers to ICEC

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SCHEDULE

Proposals for tutorials, exhibits and plenaries 31 March 1995
Submission of papers 5 May 1995
Notification of acceptance 7 July 1995
Submission of camera-ready papers 25 August 1995

SUBMISSION PROCEDURE

Prospective authors are invited to submit papers related to the listed topics for oral or poster presentation. Five (5) copies of the paper must be submitted for review. Papers should be printed on ISO(A4 or USA 8.5" x 11" white paper, written in English in one-column format in Times or similar font style, 10 points or larger with 2.5cm (1") margins on all four sides. A length of four pages is encouraged, and a limit of six pages, including figures, tables and references will be enforced. Centered at the top of the first page should be the complete-title and the name(s), affiliation(s) and address(es) of the author(s). The Paper Submission Cover Sheet (available via e-mail from conference management) should be completed and attached to the submission.

Treasurer: Svetha Venkatesh, Curtin University of Technology, Perth Local Arrangements: Dorota Kieronska, Curtin University of Technology Publicity Chair: Chris deSilva, University of Western Australia, Perth