## Conference Report: ANZIIS'93

The Inaugural Australian and New Zealand Conference on Intelligent Information Systems (ANZIIS'93) was held in Perth, Western Australia in December, 1993.

The Conference was sponsored by the IEEE, in cooperation with the Institution of Engineers (Australia) and the Australian Computer Society.

The Conference was attended by about two hundred delegates from Australasia, Europe, and the United States of America, whose interests included Artificial Neural Networks, Artificial Intelligence, Virtual Reality and Fuzzy Logic. One hundred and fifty-six papers were presented during the three days of the Conference, which was held at the University of Western Australia.

The Conference was preceded by a day of tutorials. The four tutorials covered the topics Virtual Reality (Dr. John Wann), Learning Algorithms (Professor Jacek Zurada), Neural Networks and Expert Systems (Professor George Lendaris), and Wavelet Transforms and Applications (Professor Thong Nguyen).

The keynote addresses were given by John Wann on Virtual Reality, by Jacek Zurada on Learning in Artificial Neural Networks, and by George Lendaris on Neural Networks and Expert Systems.

A panel discussion on Recent Challenges in Neural Networks gave the delegates an opportunity to put questions regarding the current directions of Neural Network research to a number of Australian and international experts.

The ANZIIS conference will be held annually. The 1994 venue will be Brisbane, Queensland. In 1995, Perth will host it again, together with the IEEE International Conference on Neural Networks and the IEEE International Conference of Evolutionary Computing.

—*Yianni Attikiouzel*
*The University of Western Australia*

## Calendar

•**August 1-7, 1994. 3rd Int'l Conf. on Fuzzy Logic, Neural Nets and Soft Computing.** Iizuka, Japan. Contact T. Yamakawa, Kyushu Inst. of Technology, Iizuka, Japan.

•**August 9-10. IEEE/Nagoya University WWW on Fuzzy Logic and Neural Networks/Genetic Algorithms.** Nagoya. Contact Takeshi Furuhashi, Dept. Information Electronics, Nagoya University, Furo-cho, Chikusa-ku, Nagoya 464-01 Japan.

•**August 16-18, 1994. 9th IEEE International Symposium on Intelligent Control** Columbus, Ohio, USA. Contact Levent Acar. acar@cme.nist.gov.

•**September 6-8, 1994. IEEE Workshop on Neural Networks for Signal Processing.** Ermioni, Greece. Contact Jeng-Neng Hwang, University of Washington, hwang@ee.washington.edu; Tel (206)685-1603; Fax (206)543-3842.

•**September 13-16 '94. ICARV'94: 3rd Int'l Conf. on Automation, Robotics, and Computer Vision.** Contact: Marcelo Ang, National University of Singapore, Tel 65-772-2555; Fax 65-779-1459; email mpeangh@nusvm.bitnet.

•**October 2-5, 1994. IEEE Int'l Conf. on Systems, Man and Cybernetics.** San Antonio, Texas. Contact: Prof. G.V.S. Raju, University of Texas at San Antonio, San Antonio, Texas, email:raju@voyager1.eng.utsa.edu.

•**November 6-10, 1994. ETFA/94. Seiken/IEEE Symp. on Emerging Technologies**

## Books: Computational Intelligence: Imitating Life

*Edited by Jacek Zurada, University of Louisville, Robert J. Marks II, University of Washington, and Charles J. Robinson, University of Pittsburgh. From IEEE Press and the IEEE World Congress on Computational Intelligence*

In the Preface to *Computational Intelligence: Imitating Life,* the editors write, "To our knowledge, the publication of this book marks the first time the components of Computational Intelligence have been fused in a single volume."

This book has its origins at the 1994 IEEE World Congress on Computational Intelligence (WCCI) to be held this summer at the Walt Disney Dolphin Hotel in Orlando. The WCCI, for the first time, will bring together in time and space, major conferences on neural networks, fuzzy systems and evolutionary programming.

A special plenary symposium, addressing emerging issues in computational intelligence, was conceived as glue to provide continuity among the three conferences. The contributions to the symposium were thought to be so outstanding that an archival volume of the contributions was felt appropriate."

After an introduction by the editors and an essay "What is Computational Intelligence?" by James Bezdek, the papers are presented in seven sections: Computational Learning Theory, Approximate Reasoning, Evolutionary Computation, Biological and Computational Pattern Recognition, Intelligent Control, Hybrid Computational Intelligence, and Applications.

Among the contributors are A.K. Jain, Robert Hecht-Nielson, Rolf Eckmiller, Allen Waxman, Shiro Usui, and Toshio Fukuda

The book will be given to all full participants at WCCI and will be available after the Conference from the IEEE Press.

*[List price $49.95 (for IEEE members, $40.00). To order, call IEEE Customer Service: (800)678-IEEE or (908)981-1393 or Fax (908)981-9667. IEEE Order No: PC04580.]*