

Message From the Program Co-Chairs

The planning for this first *Symposium on the Foundations of Computational Intelligence* began in 2003, when General Chair David Fogel asked us to be Co-Program Chairs for this new and innovative symposium that cuts across all of the foundational issues that are associated with the field of Computational Intelligence. We were honored that he asked us to serve as Co-Program Chairs.

From the very beginning it seemed that a good model for the organization of the SFOCI would be as three parallel tracks—neural networks, fuzzy sets and systems, and evolutionary computing—paralleling the three journals of the IEEE Computational Intelligence Society. This model worked. In the Call for Papers, it was stated: “This symposium will focus on the mathematical, theoretical and applied foundations of the techniques that comprise computational intelligence and machine learning, including but not limited to neural networks, fuzzy logic and evolutionary computing.” We hope that the program that has been put together reflects this.

In order to ensure success of this new symposium many people were asked to help. You will notice many *Special Sessions*, each of which was organized by one or more individuals. Here we would like to thank them and to indicate who they are:

- *Neural Network Track*: Tetsuo Murayama (M-PM1, M-PM2), Yoichi Motomura (T-AM2), Jun-ichi Inoue (W-AM2)
- *Fuzzy Sets and Systems Track*: Sansunee Auephanwiriyaikul (W-AM2), Oscar Castillo (W-PM1), Janusz Kacprzyk (T-AM2), Vladik Kreinovich (M-PM1), Zhi-Qiang Liu (T-PM1), James Peters (M-AM2), Andzej Skowron (T-AM2)
- *Evolutionary Computing Track*: Giuseppe Nicosia

In addition, SFOCI has had Steering Committee and an International Program Committee, all of whose members we wish to thank and acknowledge.

Steering Committee:

Jerry M. Mendel (USA), Jim Keller (USA), Larry Hall (USA), Xin Yao (UK), Takashi Omori (Japan), Hans-Georg Beyer (Austria), Jose A. Lozano (Spain), Sumio Watanabe (Japan)

International Program Committee:

- *Neural Network Track*: Toru Aonishi (Japan), Christian Balkenius (Sweden), Sang-Woo Ban (Korea), Raju Bapi (India), Peter Davis (Japan), Kenji Doya (Japan), Kazutoshi Gohara (Japan), Kazushi Ikeda (Japan), Jyun-ichi Inoue (Japan), Minhoo Lee (Korea), Francesco Masulli (Italy), Tatsuto Murayama (Japan), Leif Peterson (USA), Yohei Saika (Japan), Asaki Saito (Japan), Bernhard Sendhoff (Germany), Thomas R. Shultz (USA), Alessandro Sperduti (Italy), Roberto Tagliaferri (Italy), Alessandro Villa (France), Sumio Watanabe (Japan), Juyang Weng (USA), Ming Xie (Singapore), Lei Xu (China)
- *Fuzzy Sets and Systems Track*: Robert Babuska (The Netherlands), Gleb Beliakov (Australia), Bernadette Bouchon-Meunier (France), Jim Bezdek (USA), Oscar Cordon (Spain), Gary Feng (Hong Kong), Dimitar Filev (USA), Hisao Ishibuchi (Japan), Robert I. John (UK), Laszlo Koczy (Hungary), Vladik Kreinovich (USA), Rudolf Kruse (Germany), C. T. Lin (Taiwan), Zhi-Qiang (Chiang) Liu (Hong Kong), Nikhil R. Pal

(India), Witold Pedrycz (Canada), Leszek Rutkowski (Poland), Qiang Shen (UK), Joao Miguel da Costa Sousa (Portugal), Ron Yager (USA)

- *Evolutionary Computing Track*: Sung-Bae Cho (South Korea), Christian Igel (Germany), El-ghazali. Talbi (France), Qingfu Zhang (UK), Jose A. Lozano (Spain), Tan Kay Chen (Singapore), Dirk Thierens (The Netherlands), Marcus Gallagher (Australia), Philip Hingston (Australia), S.Y. Yuen, Kelvin (Hong Kong, China), Zbigniew Michalewicz (Australia), Byoung-Tak Zhang (South Korea), Thomas Philip Runarsson (Iceland), Ponnuthurai Nagarathnam Suganthan (Singapore), Hans-Georg Beyer (Austria), Carsten Witt (Germany), Shigeyoshi Tsutsui (Japan), Lothar Thiele (Switzerland), Dirk Arnold (Canada), Stefan Droste (Germany), Guenter Rudolph (Germany), Giuseppe Nicosia (Italy), Bryant Julstrom (USA), David Fogel (USA), Lee Altenberg (USA), Michael Vose (USA), Athanasios Vasilakos (Greece), M.N.H. Siddique (UK), Masoud Jamei (UK)

Aloha!

Jerry M. Mendel, Takashi Omori and Xin Yao : Program Co-Chairs