

The CIS History Committee for 2011

Name	Pirate Name	Email Address
Jim Bezdek (Chair)	Mad Sam Flint	jbezdek@gmail.com
Piero Bonissone	Barbarossa	bonissone@crd.ge.com
Dave Fogel (co-Chair)	Rough Sailin' Hannibal	dfogel@natural-selection.com
Jim Keller	Red Sam Rackham	KellerJ@missouri.edu
Cliff Lau	La rebelde	clau@ida.org
Jennie Si	Bright Moon Hillbilly	si@asu.edu
Xin Yao	El diabolito	x.yao@cs.bham.ac.uk
Gary Yen	President, CIS	gyen@okstate.edu
Pablo Estevez	VP, Membership (El Dragón)	pestevez@yahoo.com

History of the Neural Networks Council: 1993

1. Introduction

The administrative structure of the NNC underwent some major changes this year. The NNC Adcom met in Dallas on January 22 to hold elections for four newly created positions authorized by the new constitution. The chairs of two standing committees (conferences and publications) were elevated to vice presidential (VP) level and new VPs elected, the past president became an officer of Excom, the treasurer became the elected VP for finance, and the position of Executive VP was created (this office was a precursor to the office of "future" president). The committee structure also saw change, viz., five technical committees were identified and separated from the standing committees of the council. A second Adcom was held in Orlando, FL on July 2, at which three officers for 1996 were elected.

2. Administrative structure of the NNC

2A. Sponsor organizations. The IEEE NNC Adcom was composed of its officers plus two members from each of 15 IEEE societies (date indicates year of joining council):

Circuits and Systems	(1989)
Communications	(1989)
Computer Society	(1992)
Control Systems	(1989)
Engineering in Medicine and Biology	(1989)
Industrial Electronics	(1989)
Industry Applications	(1990)
Information Theory	(1989)
Laser and Electro-Optics	(1989)
Ocean Engineering	(1990)
Power Engineering Society	(1992)
Robotics and Automation	(1989)
Signal Processing	(1989)
Social Implications of Technology	(1993)
Systems, Man and Cybernetics	1989)

2B. Administrative Structure : Officers of NNC

Patrick K. Simpson, President
Russell Eberhart, Past President
Walter Karplus, Executive VP
James C. Bezdek, VP for Conferences

Piero Bonissone, VP for Finance
 Stamatiou Kartolopoulos, VP for Publications
 Secretary. Wesley Snyder

2C. Standing Committees of the NNC

Committee or Activity	Chair, Liason or Leader
Awards Committee	Mohammed H. Hassoun
Constitution and By Laws	Wesley Snyder
Distinguished Lecturer Program	Donald C. Wunsch
Educational Activities Committee	Karen Haines
Fellows Committee	Edgar Sanchez-Sinencio
Meetings Committee	James C. Bezdek (VP)
Nominations and Appointments Committee	Russell C. Eberhart
Publications Committee	Stamatiou Kartolopoulos (VP)
Regional Interest Groups Committee	Colin Wiel
Standards Committee	Mary Lou Padgett
Video Tutorials Committee	Mohamed A. El-Sharkawi

2D. Technical Committees of the NNC

Committee	Chair, Liason or Leader
Comp. Intell. for Financial Engineering (CIFE)	Scott Mathews
Evolutionary Computation	David B. Fogel
Fuzzy Systems	Hamid R. Berenji
Neural Networks	Jacek M. Zurada
Virtual Reality Technology Committee	Thomas P. Caudell

3. Conferences sponsored or co-sponsored by the IEEE NNC

Name(s)	1 st IEEE World Congress on Computational Intelligence (WCCI)
Dates	June 26-July 2
Venue	Orlando, FL
Administrators	Charles Robinson, Director General Jacek Zurada, Chair, WCCI Symposium Steven Rogers, General Chair ICNN Dennis Ruck and David Bounds, technical co-chairs, ICNN Piero Bonissone, General Chair, FUZZ-IEEE Enrique Ruspini and Hamid Berenji, technical co-chairs, FUZZ-IEEE Zbigniew Michalewicz, General Chair, ICEC J. D. Schaffer, Hans Paul Schwefel and Hiroaki Kitano, technical co-chairs, ICEC
Conference records	<i>Proc. of the 1994 FUZZ-IEEE</i> <i>Proc. of the 1994 ICNN</i> <i>Proc. of the 1994 ICEC</i> Plenary Lectures in the book: <i>Computational Intelligence Imitating Life</i> , eds. Jacek Zurada, Robert J. Marks II and C.J. Robinson.

4. Archival NNC Publications

The *IEEE Transactions on Neural Networks* (TNN): Robert J. Marks, EIC
 The *IEEE Transactions on Fuzzy Systems* (TFS): James C. Bezdek, EIC
 CoNNections Newsletter: Wesley Snyder, EIC.

5. NNC-Sponsored Books.

- 5A. Neural Networks: A Comprehensive Foundation. Simon Haykin.
- 5B. Neuro-Vision Systems: Principles and Applications. M. M. Gupta and G. K. Knopf.
- 5C. Neuro-Control Systems: Theory and Applications. M. M. Gupta and D. H. Rae.
- 5D. Evolutionary Computation: Toward a New Philosophy of Machine Intelligence. David B. Fogel.
- 5E. Computational Intelligence: Imitating Life, eds. Jacek Zurada, Robert J. Marks II and C.J. Robinson.

6. NNC-Sponsored Video Tutorials, produced and distributed by the IEEE Educational Activities Board. This set of videos is titled “The Neural Network Pioneer Series.”

- 6A. Adaptive Signal Processing and Adaptive Neural Networks. Bernard Widrow.
- 6B. Learning, Recognition and Prediction by Self-Organizing Neural Networks. Stephen Grossberg.
- 6C. Adaptive Vector Quantization and Neural Networks. Teuvo Kohonen.

7. Awards and Prizes

- 7A. NNC Neural Network Pioneer Award: Christoph von der Malsburg
- 7B. TNN Outstanding paper award: ?
- 7C. NNC-Sponsored IEEE Fellows: ?

8. Significant Related Events

8A. Arguably, the most important event this year was the first WCCI, a compendium of three IEEE NNC-sponsored conferences: the ICNN, FUZZ-IEEE, and ICEC conferences. The joint conferences were held in Orlando, FL in the last week of June. There was a fourth “meeting” at the WCCI, billed as a congress symposium, which resulted in the book referenced at (5E) and as [94.1].

9. Anecdotes for 1994 : None

10. Glossary, Notation and Acronyms for 1994

CI	Computational Intelligence
CIFEr	Comp. Intelligence in Financial Engineering (r).
CIS	Computational Intelligence Society (of the IEEE)
DARPA	Defense Advanced Research Projects Agency
DLP	Distinguished Lecturer Program
EC	Evolutionary Computation
EIC	Editor in Chief
FLSI	Fuzzy Logic Systems Institute
FUZZ-IEEE	International IEEE Conference on Fuzzy Systems
ICNN	International Conference on Neural Networks
IJCNN	International Joint Conference on Neural Networks
NN	Neural Network
NNC	Neural Networks Council (of the IEEE)
NNCom	Neural Network Committee (of the IEEE)
NNS	Neural Networks Society (of the IEEE)
TAB	Technical Activities Board (of the IEEE)
TFS	(IEEE) Transactions on Fuzzy Systems
TNN	(IEEE) Transactions on Neural Networks
VP	Vice President
VRAIS	Virtual Reality Annual International Symposium
WCCI	World Congress on Computational Intelligence

11. References for 1994.

- [94.1] *Computational Intelligence: Imitating Life*, eds. Jacek Zurada, Robert J. Marks II and C.J. Robinson, IEEE Press, Piscataway, NJ, 1994.