

## The CIS History Committee (2011)

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## History of the Neural Networks Council (NNC): 1991

### 1. Introduction

There were two Adcom meetings in 1991. The first was held in Baltimore on Jan. 26, and the second was held on July 8 in Seattle. The NNC Excom held two additional meetings, the first was a teleconference meeting on April 22, and the second meeting was in Singapore on November 18. The first Adcom entertained a proposal to establish a newsletter whose title would be "CoNNections". This Adcom also approved the dissolution of the written agreement between the NNC and the INNS to jointly sponsor the IJCNN, effective following the IJCNN which had previously been scheduled to be held in Baltimore in 1992.

The April 22 Excom entertained, and on July 8 approved, proposals for the establishment of the *IEEE Transactions on Fuzzy Systems* (TFS) and the First International IEEE Conference on Fuzzy Systems (FUZZ-IEEE), both submitted by Jim Bezdek, founding editor in chief of TFS, and general chair of FUZZ-IEEE.

1991 saw the inauguration of the IEEE NNC Distinguished Lecturers program, chaired by Donald Wunsch, a professor of electrical engineering at the Missouri University of Science and Technology. There were two IJCNN conferences in 1991 in Seattle, WA and Singapore.

**2A. Sponsor organizations.** The IEEE NNC was composed of charter members from 10 IEEE societies, viz.

- Acoustics, Speech and Signal Processing
- Circuits and Systems Society
- Communications Society
- Control Theory Society
- Engineering in Medicine and Biology Society
- Industrial Electronics Society
- Information Theory Society
- Laser and Electro-Optics Society (LEOS)
- Robotics and Automation Society
- Systems, Man and Cybernetics

**2B. Administrative Structure :** Officers of NNC (elected on Jan. 16, 1990)

- Robert J. Marks II, President
- Russell Eberhart, Vice President
- Evangelia Tzanakou, Secretary
- Toshio Fukuda, Treasurer

**2C. Standing Committees of the NNC**

- NNC Awards Committee, Brad Dickinson, Chair

NNC Distinguished Lecturer Program (DLP), Don Wunsch, Chair

Members of the inaugural DLP:

Jim Bezdek  
John Caulfield  
Rolf Eckmiller  
Kunihiko Fukushima  
Stephen Grossberg  
Andrew Pellionisz  
Paul Werbos  
Youshou Wu  
Lotfi Zadeh

NNC Fellows Committee, Brad Dickinson, Chair

NNC Standards Committee, Walter Karplus, Chair

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

Name	IJCNN
Dates	July 8-14, 1991
Venue	Seattle, WA
Administrators	David Rumelhart, Conference Chair Larry Jackel, Program co-Chair Demetri Tsaltis, Program co-Chair
Conference record	<i>Proc. of the IJCNN</i>

Name	IJCNN
Dates	November 18-21, 1991
Venue	Singapore
Administrators	Teck Seng Low, Conference Chair Russell Eberhart, Vice-Chair
Conference record	<i>Proc. of the IJCNN</i>

### 4. Archival Publications

The *IEEE Transactions on Neural Networks* (TNN)

Michael Roth at Johns Hopkins University became the second EIC of TNN

The Intelligence CoNNection newsletter begins in May.

EIC is Wesley Snyder.

### 5. Awards and Prizes

NNC Neural Network Pioneer Awards

Stephen Grossberg  
Teuvo Kohonen  
Bernard Widrow

### 6. Significant Related Events

There was a President's Forum hosted by the NNC at the IJCNN in Seattle. This forum had the objective of fostering cooperation amongst leaders of various NN societies around the world. Attendees (and the organizations they represented): Profs. Robert Marks and Russell Eberhart (NNC); Profs. Youshaw Wu, Yi-Xin Zhong and Zong Sha (Chinese NNC); Profs. John Taylor and Rolf (European NNS); Dr. Harold Szu (INNS); Prof. Witali Dunin-Bartkowski (Russian NNS); and Prof. Kunihiko Fukushima (Japanese NNS)

### 7. Anecdotes for 1991 : None

Disclaimer. This section contains anecdotal material related to the NNCom/NNC//NNS/CIS. Each contribution represents the author's opinion and recollection. Contributions are not endorsed by IEEE or the IEEE CIS, and neither has certified the factual authenticity of the anecdotes.

### 8. Glossary, Notation and Acronyms for 1991

9. References	CIS	<i>Computational Intelligence Society (of the IEEE)</i>	for 1991 : None
	DARPA	<i>Defense Advanced Research Projects Agency</i>	
	DLP	<i>Distinguished Lecturer Program</i>	
	EIC	<i>Editor in Chief</i>	
	FLSI	<i>Fuzzy Logic Systems Institute</i>	
	FUZZ-IEEE	<i>International IEEE Conference on Fuzzy Systems</i>	
	ICNN	<i>International Conference on Neural Networks</i>	
	IJCNN	<i>International Joint Conference on Neural Networks</i>	
	NN	<i>Neural Network</i>	
	NNC	<i>Neural Networks Council (of the IEEE)</i>	
	NNCom	<i>Neural Network Committee (of the IEEE)</i>	
	NNS	<i>Neural Networks Society (of the IEEE)</i>	
	TAB	<i>Technical Activities Board (of the IEEE)</i>	
	TFS	<i>IEEE Transactions on Fuzzy Systems</i>	
	TNN	<i>(IEEE) Transactions on Neural Networks</i>	