

## IEEE CIS Neural Networks Pioneer Award Nomination

The IEEE Computational Intelligence Society Neural Networks Pioneer award recognizes significant contributions to early concepts and sustained developments in the field of neural networks. This award recognizes two types of pioneering contributions: (1) fundamental understanding and (2) engineering application. This Neural Networks Pioneer Award is considered annually, and may be given to an individual or a group not exceeding three persons who contributed to the advancement of theory, technologies, and/or applications of neural networks by inventing new technologies, creating innovative technical developments, implementing new products, or managing innovative product design or production processes. The prize includes a plaque plus US\$2,500 honorarium, plus travel support for each recipient and one companion to attend award presentation in the year of the award. For those who are interested in submitting a nomination for the IEEE CIS Neural Networks Pioneer Award, the materials needed are the following:

- Nominations Letter with the following information:
  - Nominator: name, affiliation and email address of nominator
  - Nominee: name, affiliation, postal address, email address and webpage address of nominee
  - Basis for Nomination: detailed documentation that includes:
    - Category of nomination: Identification of the category of pioneering contribution as either (1) fundamental understanding or (2) engineering application.
    - Significance of contribution **made at least 15 years prior to award date**. Please discuss the pioneering nature of cited contribution in light of the category of nomination, the impact on the industry, economy, government, and society, and the impact on neural networks research and development from the point of view of theory, technologies, and/or applications.
    - Outcomes: Discuss the quantity and quality of the outcomes.
  - Proposed Citation: provide suggestion for the complete, correct and succinct citation. The Awards Committee reserves the right to make any necessary change on the citation.
- Up to five reference letters supporting the nomination.

The complete nomination packet should be submitted by email, in PDF format, to the Awards Committee Chair, Prof. Marios M. Polycarpou ([mpolycar@ucy.ac.cy](mailto:mpolycar@ucy.ac.cy)). The deadline is 30 April 2010 (strict deadline).

The list of past awardees is provided below for reference:

2010: Vladimir Vapnik  
2009: John G. Taylor  
2008: Gail Carpenter and Kumpati S. Narendra  
2007: Michael Jordan  
2006: Donald Specht and Erkki Oja  
2005: Carver Mead  
2004: Andrew Barto  
2003: Kunihiko Fukushima  
2002: Terrence Sejnowski  
2001: David E. Rumelhart and James L. McClland  
2000: Leon Chua  
1999: Robert Hecht-Nielsen  
1998: Geoffrey E. Hinton  
1997: John J. Hopfield  
1995: Michael A. Arbib, Nils J. Nilsson, and Paul J. Werbos  
1994: Christoph von der Malsburg  
1993: Thomas M. Cover

1992: Shun-Ichi Amari, Walter Freeman

1991: Bernard Widrow, Stephen Grossberg, and Teuvo Kohonen

If you have any questions regarding the IEEE CIS Neural Networks Pioneer Award nomination, please feel free to contact the Awards Committee Chair:

Marios M. Polycarpou ( [mpolycar@ucy.ac.cy](mailto:mpolycar@ucy.ac.cy) )