

Marios Polycarpou

Professor
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Personal Profile

Marios M. Polycarpou is a Professor of Electrical and Computer Engineering and Interim Director of the KIOS Research Center for Intelligent Systems and Networks. He received the B.A. degree in Computer Science and the B.Sc. degree in Electrical Engineering both from Rice University, Houston, TX, USA in 1987, and the M.S. and Ph.D. degrees in Electrical Engineering from the University of Southern California, Los Angeles, CA, in 1989 and 1992 respectively. In 1992, he joined the University of Cincinnati, Ohio, USA, where he reached the rank of Professor of Electrical and Computer Engineering and Computer Science. In 2001, he was the first faculty member to join the newly established Department of Electrical and Computer Engineering at the University of Cyprus. He served as Vice President, Conferences, of the IEEE Computational Intelligence Society (2002-03). Dr. Polycarpou is a Fellow of the IEEE and he is currently the Editor-in-Chief of the *IEEE Transactions on Neural Networks*.

As a student in high school he was never sure what he wanted to study. He was very good at mathematics and physics but wanted to do something different. He considered studying computers.

A vocational guide once visited his school and he asked what his opinion was about computers. The guide said that computers were meant for bigger countries, not for Cyprus. Marios is glad to have proven this advisor wrong.

Research Profile

The aim of our research here is to make computers work in a more intelligent way. We know that computers can work much quicker than humans. There are times however when a computer cannot work as well as the human mind. For example, if a human walks in a room where 100 persons are sitting, he can pick out, identify a person known to him even if he wears different clothes, seen from a different angle... A computer system finds it very difficult to figure out and solve such problems.

Marios holds three patents. One of them relates to an intelligent hemodialysis system.

This system functions in such a way that by taking measurements of the blood pressure and circulation, it adjusts the rate at which the blood pumps work filtering the blood, according to the specific patient.

Other interests

Marios Loves walking and Reading.

Relevant Links or info

For further information about Marios and his research look up:
<http://www.ece.ucy.ac.cy/en/people/mPolycarpou.html>