

## Areas of Interest

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Tuesday, 29 September 2009 08:19 - Last Updated Tuesday, 04 July 2017 18:51

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## General Information

**Harris Georgiou** received his B.Sc. degree in Informatics from University of Ioannina, Greece, in 1997, and his M.Sc. degree in Digital Signal Processing & Computer Systems and Ph.D. degree in Pattern Recognition & Medical Imaging, from National & Kapodistrian University of Athens, Greece, in 2000 and 2009, respectively. Since 1998, he has been with the Department of Informatics & Telecommunications at National & Kapodistrian University of Athens, Greece. He has been actively involved in several national and EU-funded research & development projects, focusing on new and emerging technologies in medical imaging and applications. He has also worked in the private sector as a consultant in Software Engineering and Quality Assurance (EDP/IT), as well as a professor in various ICT-related subjects, for many years. His main research interests include Machine Learning, Pattern Recognition, Signal Processing, Medical Imaging, Soft Computing and Game Theory. He has published more than 40 peer-reviewed papers and has given several technical presentations in various countries.

## Main Research Areas

- Machine Learning
- Pattern Recognition
- Soft Computing
- Artificial Intelligence
- Signal Processing
- Image Analysis
- Medical Imaging
- Bioinformatics
- Sparse Modeling
- Compressive Sensing
- Health Informatics Systems
- Game Theory
- Data Mining
- Big Data
- Predictive Analytics
- Risk Management
- Complex Adaptive Systems

## Other Research Areas

- Informatics Systems Analysis & Design
- Software Metrics
- Software Quality
- Software Project Management
- Distributed & Parallel Computing
- Evolutionary Computation
- Genetic Programming
- Robotics & Embodied Intelligence

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- Artificial Life & Natural Computation
- Security & Cryptosystems
- Networking Systems & Technologies
- Real-time Systems & Performance Analysis
- Operating Systems
- Embedded Systems

## **Other Areas of Interest/Work**

- Distributed Applications
- Web Publishing & Technologies
- Internet Programming