Supervisor of the following postgraduate students (all of them ranked in the top 2% in their class):

- Charilaos Eftymiou (Title of Thesis: "Design and Analysis of Energy Efficient Smart Dust Algorithms"). Awarded his MSc Degree in December 2004.

- Athanassios Kinalis (Title of Thesis: "Design, Simulation and Evaluation of Data Propagation Protocols in Wireless Sensor Networks"). Awarded his MSc Degree in September 2005. Continuing for a PhD in wireless sensor networks.

- Georgios Mylonas (Title of Thesis: "Simulation and Implementation of Protocols in a Pilot Network of Real Smart Dust Devices"). Awarded his MSc Degree in August 2005. Continuing for a PhD in wireless sensor networks.

- Athanassios Antoniou (Title of Thesis: "Design and Implementation of an Architecture of Wireless Sensor Networks for Developing Applications and Protocols, with emphasis on Heterogeity"). Started April 2006.

- Dimitra Patroumpa (research on sensor networks). Started November 2007.

- Christoforos Raptopoulos (Title of Thesis: "Design and Analysis of Algorithms for Random Intersection Graphs"). Awarded his MSc Degree in September 2005.

Supervisor of more than 28 Diploma Theses at the Computer Engineering and Informatics Department. Several of these theses already led to publications, like those of Elena Kaltsa, M. Markou, G. Mylonas, T. Antoniou, A. Mpamis.

9. Research-Professional Experience

9.1 Participation/Direction of R@D Projects

a. Current European Union Funded Basic Research Projects

We emphasize here the participation/direction of Projects funded by the FET (Future and Emerging Technologies) Action of the Information Society Technologies (IST) Programme of the European Union, which funds long term/high risk research.

- 2005 –today: Integrated Project (IP) on Algorithmic Principles for Building Efficient Overlay Computers (AEOLUS, EU/IST). Research in wireless networks.

- 2004 – today: Integrated Project (IP) on Large Scale Information Systems (DELIS, EU/IST). Research in efficient algorithms for wireless networks.

- 2002 – today: Co-coordinator of the Project «Foundational Aspects of Global Computing Systems" (FLAGS, EU/IST/FET/Global Computing Proactive Initiative). Research in ad-hoc mobile networks and network stability.

- 2002 – today: Co-coordinator for CTI of the Project «Critical Resource Sharing for Co-operation in Complex Systems" (CRESCCO, EU/IST/FET/Global Computing Proactive Initiative). Research on frequency assignment problems in radio networks and fast communication in wireless networks.

- 2002 – today: Senior Researcher in the Project «Combinatorial Structure of Intractable problems» (COMBSTRU, EU, Research Training Networks Programme). Research in random walks analysis for communication in mobile networks and approximation algorithms for coloring problems.

- 2000 - 2003: Co-coordinator for CTI of the Project «Algorithms and Complexity in Future Technologies" (ALCOM-FT, EU/IST/FET Open). Research in algorithmic aspects of networks and fundamental techniques.

- 2000 - 2003: Senior Researcher in the Project «Approximation and Randomized Algorithms in Communication Networks» (ARACNE, EU, Research Training Networks Programme). Research in algorithmic issues of Radio Networks.

b. Other Projects (representative selection)

- 2005 – today: Scientific Coordinator of the Project ALGO.D.E.S. ("Algorithms for Smart Dust Networks", GSRT PENED 2003 Programme).

- 2000 - 2003: CTI 's team co-coordinator and CTI 's Contact Person of the Project ASPIS ("An Authentication and Protection Innovative Software System for DVD ROM and Internet", EU IST Programme).

- 2000 - 2004: Senior Researcher in the Project AMORE ("Algorithmic Methods for Optimizing the Railways in Europe", EU RTN Programme).

- 1999 - 2001: CTI 's team Scientific Co-coordinator of the Project PLEIADA (Parallel Time - Scheduling of Human Resources over the INTERNET, GSRT PENED 99 Programme).

- 1999 - 2001: CTI 's team Co-coordinator of the project ALCAD ("Algorithms for Mobile and Wireless Communication Networks", GSRT PENED 99 Programme).

- 1999 – 2000 : CTI 's team Co-coordinator (with P. Spirakis) of the project STOICHIMA ("Efficient Algorithmic Support and Risk Management for the Prognostics Game Stoichima"), in cooperation with INTRALOT S.A.

- 1999 - 2001 : CTI team leader for project "Risk Planning Process (RPP, BRITE EURAM)", in co-operation with INTRASOFT S.A.

- 1999 - 2000 : Project SEC-YEN (Study for the security of the Networks of the Greek Ministry of Mercantile Marine).

- 1998 - 2001: Site co-coordinator of project ALCOM-IT (Basic and applied research on Algorithms and Complexity).

- 1998 - 1999: Project INTERREG (Creation of a Telematics Centre in Western Greece).

- 1997 - 1999: Scientific co-ordinator of project SYN-IML (Design and implementation of the electronic magazines of Lambrakis Research Foundation in the Internet).

- 1996 - 1999: Project ALCOM-IT (Basic and applied research on Algorithms and Complexity).

- 1995 - 1996: Project "Feasibility Study for the Greek Parliament' s Information System".

- 1995 - 1996: Co-coordinator of the project "Pilot Network for the Schools in the Achaia county".

- 1993 - 1996: Project GEPPCOM (ESPRIT Basic Research Action, "General Purpose Parallel Computing").

- 1993 - 1996: Project ALCOM II (ESPRIT Basic Research Action, "Algorithms and Complexity").

9.3 Executive Positions

Director of Research Unit 1 ("Foundations of Computer Science, Related Technologies and Applications") (1999 - today).

Deputy Member of the Board of Executives of the Computer Technology Institute (2001 – today).

9.4 Participation in International Scientific Organizations

Member of the European Association for Theoretical Computer Science (EATCS).

Member of the Association for Computing Machinery (ACM).

Member of the Special Interest Group on Algorithms and Computation Theory (SIGACT).

Member of the IEEE Computer Society.