

CURRICULUM VITAE

Personal information

- Full name : **DOUKELI AIMILIA**
- Nationality : Greek
- Date of Birth : 17 July 1982
- Place of Birth : Athens
- e-mail : doukeli@mail.ntua.gr

Education

- **2005-today**

Phd candidate at the N.T.U.A., Department of Electrical and Computer Engineering, under the surveillance of the professor Mr. P. Frago.
- **2006-2008**

MSc Master : Techno-economic systems – MBA, in collaboration with National Technical University of Athens (NTUA), National and Kapodistrian University of Athens and University of Piraeus
- **2000-2005**

Diploma in Electrical and Computer Engineering, specialized in Telecommunication, Polytechnic School, Aristotle University of Thessalonica, Grade: 7.30/100
- **1997-2000**

Graduation of the 2nd Senior High School of Peukh, Grade: 19.3/10

Projects

- **ICCS (International Conference on Communications Systems and Technologies) Oslo 2009**

S. Lioumpas, A. P. Doukeli, G. K. Karagiannidis, Panayiotis V. Frangos and P. Takis Mathiopoulos, “Increasing the Efficiency of Rake Receivers for Ultra-Wideband Applications”.

- **Master thesis**

Tracking of navigation problems with the use of adaptivity and personalization techniques (Professor in charge: Dr. Gr. Mentsas)

- **IEEE Communication Letters**

S. Lioumpas, A. P. Doukeli and G. K. Karagiannidis, "Another Look at Multibranch Switched Diversity Systems", *IEEE Communication Letters*

- **ELOT**

Composition of the **national standard** concerning **Radio communication Antenna collocation** – Part 3: Testing and measurement techniques – Limits

- **Diploma thesis**

Study of the up-link of **UMTS** in urban and suburban environment and Simulation of it using C++ and Matlab (Professor in charge : Dr. Ch. Dimakis / **Implementation study for the existing UMTS system of Cosmote** in coordination with Mr. A.Iossifides)

Employment

- **May 2008 – Today**

WIND Hellas as Service Analysis & Platform Engineer in Network Department

- **July 2006 – May 2008**

External collaborator for WIND HELLAS as IS engineer through the company *MARLEXSOFT AE*.

- **January 2006 –today**

Research of VSAT in collaboration with *HELLAS SAT*

- **December 2005-May 2006**

ELOT : Composition of the national standard concerning Radiocommunication Antenna collocation – Part 3: Testing and measurement techniques – Limits which included radio measurements in radio places of Attiki under the supervision of the professors Mr. F.

Konstantinou, N.Ouzounoglou and P. Frago for the Greek Organization of Standardization

- **September 2004**

Athens Olympic Broadcasting : Logger/archivist/administration of data bases and electronic archives in the Paralympics Games of Athens

- **August 2004**

Athens Olympic Broadcasting : Logger/archivist/administration of data bases and electronic archives in the Olympic Games of Athens

Scientific interests

Currently working towards the Phd degree in Electrical and Computer Engineering. My research interests include digital communications over fading channels, Ultra wideband systems (Study and modeling of an Ultra wideband system : data modulation, multiple access techniques, channel, modeling of multiple users interference, receiving and decoding of data, analysis and evaluation of the performance of the system)

- Development of the system with the use of C++ and Matlab
- Development of data base

Programming knowledge

- **Matlab 7 (Release 14)** Excellent knowledge of programming and handling of graphical user interface (G.U.I)
- **Visual C++** Excellent knowledge
- **Java** Excellent knowledge
- **Unix** Excellent knowledge
- **SQL/ORACLE** Excellent knowledge
- **PC Hardware** Very good knowledge

Seminars

- **April 2006**

48 hours of seminars with the theme ‘Geographical Information Systems - GIS and Quality of Service (QoS)’ part of the program ‘Advanced Systems of Vehicle Telemetry’ organized by the Institute of Astronomy and Astrophysics of the National Observatory of Athens

- **July 2005**

48 hours of seminars with the theme 'Terrestrial and Satellite Telecommunications Part A : 'Systems' part of the program 'Advanced Systems of Vehicle Telemetry' organized by the Institute of Astronomy and Astrophysics of the National Observatory of Athens

- **May 2005**

20 hours of seminars. with subject 'Programming with the use of C++' organized by the Department of Electrical and Computer Engineering of A.U.T.H.

- **March 2005**

20 hours of seminars with subject 'Programming with the use of JAVA' organized by the Department of Electrical and Computer Engineering of A.U.T.H.

- **March 2004**

Seminar at the specialty of logger/archivist/administration of data bases and electronic archives organized by the Athens Olympic Broadcasting (A.O.B.)

Languages

- **June 2002** English - advanced level (Advanced of Cambridge)
- **June 1997** English - middle level (Lower of Cambridge)
- **May 2006** French - Good knowledge (Delf B1)
- **May 1998** French – middle knowledge (Delf units A1,A3,A4)

Personal interests

- Participation in the Volleyball team in the union of Marousi
- Five years of traditional dancing in the union of Marousi
- Occupation with technology matters