

CONTACT INFORMATION

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EDUCATION

- Sept/2013 - **Doctor of Philosophy Candidate**
Marie Curie Early stage researcher
University of Lincoln, Department of Computer Science
Subject: "Early screening and diagnosis of Diabetic Retinopathy"
- Oct/ 2011-Jul/2013 **M.Sc. "Information Technologies in Medicine and Biology"**
Specialization: **Medical Informatics**
Department of Informatics and Telecommunications
National and kapodistrian University of Athens
Grade 86,5%

Thesis: "Image segmentation of Retina images using image processing and pattern recognition techniques(grade:100%)"
- 2006 - 2011 **Higher Technological Educational Institute of Athens**
"Department of Electronics Engineering"

"4 year Diplom (240 ECTS ,ISCED 5A) in Electronics engineering"
Grade 66,4%
Thesis: " Research and antenna design at 60 GHz using substrate integrated waveguide technology(grade 100%)"
- 2003 - 2005 **49^o secondary high school of Athens**

Final Grade 16.2/20

EMPLOYMENT HISTORY

- 11/2010-08/2011 **Wireless communications and e-application research laboratory at the Department of Electronics, ATEI of Athens**

"Design and research of a slot Antenna at 60 GHZ with SIW"

LANGUAGE SKILLS

ENGLISH

- Proficiency in English University of Michigan(C2) – Advanced in English University of Cambridge(C1)
- Toefl 09/2012 IBT 103 score

GERMAN

- Mittelstufe ZMP Goethe Institut (C1)

Spanish

- Basic Knowledge

SOFTWARE EXPERIENCE

- WINDOWS (98,ME,NT,2000,XP,VISTA,7)
- E C D L EXPERT qualification
- Weka Machine learning
- DREAMWEAVER WEB DESIGNING,
- ORCAD
- Neural network design
- Electronic Workbench
- MATLAB-SIMULINK
- HFSS v.12.1
- Labview

RESEARCH-PROJECTS

- PSU construction and design functioning at 25 V - 3A*
- Website design in 'E-COMMERCE' module regarding internet trading **9/10 Grade***
- Ash machines design in digital electronic circuits
- Research and Project in **Wimax** network technology ,in its layers, and technical analysis of Modulation.
- Participation in the research program "CORALLIA" at the wireless communications and e-applications research group at the department of electronics . researching 60 Ghz band and antenna design.
- Implementation of Wiener-Butterworth-exponential-Gaussian-inverse-power filters for medical imaging analysis
- Review analysis and presentation of "Optical coherence tomography"

- Review analysis and presentation: " Epigenetics in mental and psychiatric disorders"
- Project and presentation: " Diagnosis Related Groups (DRGs)"

OTHER ACTIVITIES & HOBBIES

- Computer engineering
- Reading for new telecommunication technologies
- RF design
- Sports
- Road travelling
- Web design

PARTICIPATION IN SEMINARS

- << New technologies in Environmental climate improvement>> **Professor Kitsos**
- <<Education in daily life >> **Professor C. Kitsos**

CONFERENCES - PUBLICATIONS

1. 2nd Conference on Bio-Medical Instrumentation and related Engineering and Physical Sciences Medical Instruments Technology Dept, TEI of Athens, June 21-22, 2013 – Accepted Abstract Presentation, Project title: " An overview of the trends in Next generations Nucleic Acid and Protein Sequencing "
2. "Monte Carlo generation of benign and malignant masses inside mammograms", under review at the electronics journal of science and technology (e-JST)

OTHER QUALIFICATIONS

- MIET (Member of Institution of Engineering and Technology) professional engineer regulated professional title recognized in Europe by the Directive 2005/36**
 - http://ec.europa.eu/internal_market/qualifications/regprof/index.cfm?fuseaction=regprof.show&RPIId=12286

Title :Electrical and computer (technology) engineer

- Jungingenieur Member of VDI (Association of German Engineers)**
- Member of Association of German Electrical Engineers**
- IET mentor**

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- ❑ **Member of the German Association for Medical Informatics, Biometry and Epidemiology (GMDS)**
 - ❑ 4° DAN (European taekwondo union – World Taekwondo federation)
 - ❑ **Teaching license In English language from the Ministry of Education Greece**