

MICHAEL BATISTATOS



Address Kaltezioti 16, Tripoli 22100,
Arcadia, Greece

E-mail michael_batistatos@yahoo.gr

Nationality Greek

Date of Birth 27th of July 1976

Telephone 0030 6947721501

EDUCATION

- **Master of Science in Digital Communication Systems** 2000-2001
Loughborough University, Leicestershire, UK
Department of Electronic and Electrical Engineering
- **Bachelor's Degree in Physics** 1994-2000
University Of Ioannina, Greece
School of Science, Department of Physics
- **Summer School in Advanced Physics** 1999
University Of Crete, Greece
*Institute of Research and Technology, Department of
Electronic Structure and Laser*

TEACHING EXPERIENCE

- **Academic Laboratory Teaching Staff** 2008 - present
*Department of IT & Telecommunications,
University Of Peloponnese, Greece*
 - Laboratory lectures on: Principles of Telecommunication Systems, Systems and Signals, Digital Communications, Programming II
 - Use of specialized software and hardware (Simulation software, signal generators, spectrum analyzers etc.)
 - Students' final year projects supervision
 - Participation in research projects
 - Laboratory supervision (equipment installation and maintenance, troubleshooting, firmware updates, etc.)
 - Exams supervision
 - University committees member

- **Visiting Lecturer** (Erasmus Programme) Nov 2013
Northumbria University, Newcastle Upon Tyne, UK
 - Lectures in the area of Telecommunications (Analog and digital Modulations, PCM, radiation measurements, radiation health issues) for undergraduate and postgraduate students.

- **Physics, Math and Chemistry Private Tutor** 2003-2009
 - Prepared presentations and notes
 - Taught students between the ages of 13-19

- **Physics Teacher** 2003-2006
Technical School Of Maroussi, Greece
 - Taught students between the ages of 16-18
 - Supervised the school projects of the students
 - Assisted in school activities

- **IT & Telecoms Teacher** 2004-2006
Public Vocational Training Institute (IEK), Greece
 - Taught students between the ages of 18-30
 - Taught Microsoft Office, Computer networks and Telecommunications
 - Supervised final exams

- **Electronics Laboratory Teacher** 2004
ASPETE (Department of Higher Education in Pedagogic and Technological Education), Greece
 - Taught students between the ages of 18-25
 - Supervised the projects of the students
 - Supervised the final exams

INDUSTRY WORK EXPERIENCE

- **ADSL Field Engineer** 2006-2008
Intracom Telecom, Greece
 - ADSL Field Engineer in Access Systems & Transmission Networks
 - ADSL access systems support and installation
 - Troubleshooting
 - Implementation manager assistant

- **Final year project for the master's degree** 2001
Sarantel Ltd, UK
 - Mobile handset antenna radiation pattern measurements
 - Specific Absorption Rate (SAR) measurements (using phantom human heads)

RESEARCH/PUBLICATIONS

Publications:

- Batistatos MC, et al. Mobile telemedicine for moving vehicle scenarios: Wireless technology options and challenges. *Journal of Network and Computer Applications* (2012), doi:10.1016/j.jnca.2012.01.003
- (under publication) Batistatos MC, et al. Flying Relays for 4G Service-on-Demand Applications, Eucap2016

External Reviewer:

- IEEE Communications Magazine
- Journal Reviewer for International Journal of Digital Multimedia Broadcasting
- Journal Reviewer for journal of Symbiosis Center for Information Technology (SCIT)

Participating Projects:

University of the Peloponnese 2012-2013

- Thalís – Intention: Novel Transmit And Design Techniques For Broadband Wireless Networks

National Centre For Scientific Research “Demokritos” 2001 & 2004-2006 & 2013

Institute of Informatics & Telecommunications

Laboratory of Mobile Communications

- Optimal design of broadband wireless networks
- Real Time Dynamic Bandwidth Optimization in satellite Networks (REPOSIT)
- End-to-End QoS through Integrated Management of Content, Networks and Terminals (ENTHRONE)
- Integrated network services via satellite
- Research on radiation and safety from mobile antennas
- Research and development of “phantom” head and body simulator

The final Master's project Main Topic:

Panasonic and Sarantel antenna efficiency and gain measurements, GSM, Dual and triple band, Specific Absorption Rate (SAR) and radiation measurements using phantom human heads

ADDITIONAL KNOWLEDGE

Languages

- English (Fluently): Post-graduate degree taught in English, First Certificate in English (University of Cambridge)
- Greek: mother tongue

IT skill scientific equipment knowledge

- Unix, Windows 98/2000/ME/XP/VISTA/7/8/10
- MS Office
- UAV (Unmanned Aerial Vehicle) Hardware and Software (Mission Planner, APM and Pixhawk Autopilots)
- Narda SRM-3000 (Radiation Measurement Unit)
- Nemo Outdoor, Nemo Analyze, Nemo Handy (Channel measurement Units/Softwares)
- Opal System (DVB-S Encapsulator, Multiplexer)
- Video editing (Adobe Premiere/After Effects, plugins, etc.)
- Audio recording/editing (Cubase, Cakewalk, wavelab)
- DSLAM configuration
- Matlab, Simulink
- HTML
- Basic, Fortran, C

Other Interests

- Sports (football, kickboxing, skiing, mountain-biking, mountain/river trekking)
- Music Composition (official worldwide album release through record/distribution label)
- Video Editing (Green screen, effects)
- Electric Guitar
- Radio Controlled Models (building and flying remote controlled model planes/helicopters and cars)