
Curriculum Vitae

Georgios Koutelieris

Personal information:

Date of birth: November 5th, 1980
Nationality: Greek (European Union)
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Education

3/2010 : **National Technical University of Athens**
MSc “Microsystems and Nano -structures”
6/2007: **University of Athens**
B.Sc. in Physics (Electronic/Computer-Telecommunication/Automation)

Research activities

- M.Sc. thesis on the “Design and performance using CCD sensors in the visible and near ultraviolet region”.
- Undergraduate work on the “System data acquisition γ -camera imaging device with high speed PCI digitizers”.
Nuclear and Elementary Particle Physics Section

Publication list

1. S. Maltezos¹, E. Fokitis, P. Fetfatzis, A. Georgakopoulou, V. Gika, G. Koutelieris, I. Manthos, ” *Design and data analysis method of receivers of HSRL for atmospheric monitoring in ultra high energy cosmic ray experiments*”, 11th International Conference on Advanced Technology and Particle Physics (ICATPP) on Astroparticle, Particle, Space Physics, Detectors and Medical Physics Applications Como, Italy, 5-9 October, 2009.
2. S. Maltezos¹, E. Fokitis, V. Gika, P. Fetfatzis, G. Koutelieris, E. Galanis, ” *Nitrogen molecular spectra of air-fluorescence emulator using a LN₂ cooled CCD*”, 11th International Conference on Advanced Technology and Particle Physics (ICATPP) on Astroparticle, Particle, Space Physics, Detectors and Medical Physics Applications Como, Italy, 5-9 October, 2009.
3. E Fokitis¹, P Fetfatzis, S Galanis, V Gika, A Georgakopoulou, M Kompitsas, G Koutelieris, S Maltezos, I Manthos, K Patrinos, A Aravantinos, ” *High Sensitivity Interferometer Based on Fabry-Perot Etalons: Applications in Chemical Analysis*”, IMA09, Athens, Greece, 4-9 October, 2009.
4. P. Fetfatzis, E. Fokitis, S. Galanis, A. Georgakopoulou, V. Gika, M. Kompitsas, G. Koutelieris, S. Maltezos, I. Manthos, K. Patrinos, A. Aravantinos, ” *Ultra High Energy Cosmic Rays and Atmospheric Monitoring of Air-Fluorescence and Air-Cherenkov Telescopes via High Spectral Resolution Lidar.*”, 7th Conference on Nuclear and Particle Physics 11-15 November 2009, Sharm El-Sheikh, Egypt NUPPAC’ 09

Presentations

1. Oral presentation of “*Design and data analysis method of receivers of HSRL for atmospheric monitoring in ultra high energy cosmic ray experiments*” Como, Italy, 6 October, 2009

Seminars

- 5/2010 : Seminars on Quantum imaging: sensors, circuits and applications
National Center of Scientific research “Democritos”, Institute of Nuclear Physics
- 11/2007 : Micro & Nano 2007 Third International Conference on Micro-Nanoelectronics, Nanotechnology & MEMs
National Center of Scientific research “Democritos”, Institute of Nuclear Physics
- 03/2006 : Teaching methods of the physics lessons University of Athens (Department of Philosophy, Education, Psychology, Education Department)
- 06/2004: Commentary handling system position
Athens Olympic Broadcasting 2004
Broadcast Training Program
- 05/2004: Application and perspectives in Telecommunications
Hellenic Association of Physical and Technological Educational Institutes of Athens and Piraeus

Professional experience

- 2005-present Teacher of Physics, Chemistry, Biology, Mathematics at high school level students
- 8/2004 – 9/2004 Commentary control unit operator at boxing hall at Peristeri – Olympic Games of Athens 2004

Language Knowledge

1. Greek - Native
2. English, Very Good (First Certificate in English – University of Cambridge).
3. Italian, Very Good (Superiore)

Computer Skills

1. Skilled in Windows (98, 2000, NT, XP, Vista).
2. Skilled in programs Microsoft Office, Internet.
3. Skilled in programs : Mathematica, LabVIEW.
4. Familiarity at programming languages FORTRAN, PASCAL.