Curriculum Vitae

Helena Koublis

Personal information:

Date of birth: *November 1ˢᵗ ,1984*
Nationality: *Greek (European Union)*
Marital status: *Single*
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Education

10/2010 - Present: **University of Patras**
                        MSc "Energy and environment"

6/2010:   **National Technical University of Athens**
                        B.Sc. in Applied Physics
                        (Optoelectronics and Laser/Nuclear and Elementary Particle Physics)

Research activities

- Currently completing M.Sc. thesis on the "Development and study of thin film electrochromic devices".
- Undergraduate work on "Design and experimental study of a prototype telescope HSRL receiver for application in very high energy gamma ray observatories". Nuclear and Elementary Particle Physics Section

Publication list

1. S. Maltezos, E. Fokitis, N. Maragos, V. Gika, A. Georgakopoulou, E. Koubli and G.Koutsourakis, *"High - accuracy determination of fabry perot effective mirror spacing used for the receivers of atmospheric monitoring in VHE gamma ray astronomy"* (2010) ICATPP10 Siena, Italy

2. S. Maltezos, E. Fokitis, V. Gika, N. Maragos, E. Koubli, G. Koutsourakis and A. Aravantinos, *"Atmospheric Monitoring for Very High Energy Gamma Energy Cherenkov Telescopes based on HSRL: Development of High Accuracy Non-Invasive Etalon Characterization Techniques"* _IPRD10 Como, Italy

Presentations

E.Fokitis, S.Maltezos, A. Aravantinos, M. Compitsas, I.Kominis,P.Fetfatzis, V.Gika, H.Koubli, G. Koutsourakis, *"Introduction to High Spectral Resolution LIDAR"* (2010) CTA Meeting, Germany

Seminars

5/2011 : National Conference: *Architecture, Energy and Environment in buildings and cities* **–**

ARENEP2011**,** Megaron International Conference Centre of Athens

Professional experience

2010 - present   Teacher of Physics and Mathematics at high school level students

Language Knowledge

1. Greek - Native
2. English - Very Good (1st Certificate in English – University of Cambridge).
3. French - Beginner

Computer Skills
1. Skilled in Windows (XP, Vista,7).
2. Skilled in programs: Microsoft Office, Internet applications.
3. Familiarity at programming languages FORTRAN, JAVA, Matlab, Mathematica
4. Experienced in HTML code