
Curriculum Vitae

IOANNIS MANTHOS

Postgraduate student at physics section, N.T.U.A.

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Personal information:

Name: *Ioannis Manthos*
Date of birth: *07/02/1983*
Place of birth: *Kalamata, Greece*
Marital status: *Unmarried*

Address: *Kapetan Germa 228
Pireus 18546
Attika*

Home phone: *210 4610298*
Cell phone: *6977302484*
E-mail: ymanthos@gmail.com

Biographical Notes

1983: Date of birth: 07 February 1983
2000: Graduation from 4^o Kalamata high school
2000-2009: Attendance at School of Applied Mathematics and Physical Sciences, at National Technical University of Athens
2/2008-2/2009: Service at Hellenic Air Force
2009- : Attendance at postgraduate program «Physics and Technological Applications» , N.T.U.A./ National Center of Research “Dimokritos”

Research skills

At Physics sector of the School of Applied Mathematics and Physical Sciences of N.T.U.A. , as graduate student for:

- Diploma thesis with title « Design of a system of Fabry-Perot interferometers for use in LIDAR of High Spectral Resolution »
 - Study of Fabry Perot interferometer and Doppler Lidar devices
 - Experiments in Optics and Spectroscopy
 - Lasers
 - Development of Doppler interferometer
 - Development of Doppler LIDAR
- Work with title «Gravitational Waves» as a part of the lesson «Seminar in Physics»

As a postgraduate student for:

- Work with title «Detection of Air Pollutants» as a part of the lesson «Laser and Applications»

Publications

1. A. Aravantinos, E. Fokitis, P. Fetfatzis, A. Georgakopoulou, V.Gika, M. Kompitsas, S. Maltezos, I. Manthos, A.Papayiannis, A. Aravantinos : Review of High Spectral Resolution Techniques for measurements of the Aerosol Phase function and application in Extensive Air Shower Detector Atmospheric Monitoring, 31st International Cosmic Ray Conference
2. S. Maltezos, E. Fokitis, P. Fetfatzis, A. Georgakopoulou, V. Gika, G. Koutelieris and I. Manthos: Design and data analysis method of receivers of HSRL for atmospheric monitoring in ultra high energy cosmic ray experiments, 11th ICATPP, Como, Italy , Oct 2009.
3. E.Fokitis,P.Fetfatzis,S.Galanis,V.Gika,A.Georgakopoulou,M.Kombitsas,G.Koutelieris,S.Maltezos, I.Manthos, K.Patrinis, A.Aravantinos: High sensitivity interferometer based on Fabry-Perot etalons: Applications in chemical analysis, IMA 2009, Athens, Greece, Oct 2009

Presentations

1. Presentation and support of the work «Gravitational Waves», May 2004, N.T.U.A.
2. Presentation and support of the diploma thesis « Design of a system of Fabry-Perot interferometers for use in LIDAR of High Spectral Resolution», July 2009, N.T.U.A.
3. Presentation and support of the work «Detection of Air Pollutants», July 2010, N.T.U.A.

Languages

1. English, « First Certificate in English ».

P/C Knowledge

1. Experience in the use of P/C at Windows (XP, Vista, 7) environment .
2. Experience at Microsoft Office, Internet.
3. Knowledge of the programming language: HTML.

Professional experience

Summer work in the family trading company of plumbing and sanitary ware in Kalamata.

2008-2011 Support teaching of Mathematics, Physics and Chemistry at students.