

Panagiotis Petrakis

Curriculum Vitae (CV)

Panagiotis Petrakis was born in Chania in 1958. He obtained his Bachelor of Science degree in Physics in 1982 from the University of EAST ANGLIA of England and his Master of Science degree in 1986 from the University of KENT of England. Now, he is working for his doctoral thesis on "Development of Diagnostic Detection System Qualitative Characteristics in Agricultural Products of Plant Production Based on opto-electronic and spectroscopic methods." He joined the Technical University of Crete in 1990 as a Laboratory Teaching Personnel of the Department of Science (courses: Physics I and Physics II). From 1988 also works as temporary teaching personnel at the Technological Educational Institute of Crete (course: Lasers and Optoelectronics). From time to time he participates in research programs of the "Laboratory of Structure of Matter and Laser Physics". In various academic years he was a member of the University Senate and a member of the General Assembly of the Science's Department.

Education:

Bachelor of Science degree in Physics, University of EAST ANGLIA of England (1982), Master of Science degree, University of KENT of England (1986)

Research areas:

- Damping due to dislocations in metals.
- Development of experimental models for teaching laboratory physics.
- Multiphoton ionization spectra of atmospheric pollutants.

Present research interests:

- Spectroscopy, interferometry and applications.
- Optical methods for measuring optical absorption.
- Ozone Technology.
- Energy fusion

Courses:

Experimental part of the courses Physics I and Physics II.

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