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**Ph. D.** in Nuclear Physics, Department of Physics, National Technical University of Athens (the experiments were carried out at the Institute of Nuclear Physics, Tandem accelerator, N.C.S.R. 'Demokritos' and in Forschungszentrum, Rossendorf, Dresden, Germany in the framework of Greek–German state scientific collaboration) – 22/12/1998. Title: "Study of Channeling Phenomena in the Backscattering Geometry".

**D.E.A.** (with distinction), Department of Physics, Cyclotron Laboratory, Catholic University of Louvain at Louvain-la-Neuve, Belgium – June 1994. Title: "Contributions in the Improvement of Beta Polarisation of Polarised Nuclei of  $^{107}\text{In}$ ".

**M. Sc.** (3.64/4), Department of Physics, Texas A&M University, USA – May 1993. Title: "The dE/dx Method and its Implementation on the Search for the  $\Lambda_b$  baryon".

**Ptychio** (B.Sc.–very good) Department of Physics, University of Athens, 1991. Diploma thesis title: "An Alternative Fine Grain Technique for Measuring the Natural Dose in Thermoluminescence Dating".

- IAEA consultant 2009-today
- Elected member of the board, Faculty of Applied Sciences (2006 – today). Co–organizer of the ECAART-10 Conference (2010).
- Member of the local organizing committee of several Greek and International Conferences and Workshops.

## PRINCIPAL SCIENTIFIC ACTIVITIES

1. Applications of Nuclear Physics, 1995 – today (including Nuclear Reaction Analysis studies, Rutherford Backscattering Spectroscopy, Channeling, Particle Induced Gamma-ray Emission, ion beam modification of materials, radiation damage, stopping power measurements, environmental studies, performed in Athens, N.C.S.R. 'Demokritos', as well as in Munich, and Rossendorf, Germany).
2. Neutron Physics, 2003 – today (including cross section measurements and theoretical analysis of (n,2n), (n, $\alpha$ ) and (n,p) reactions in Athens, N.C.S.R. 'Demokritos', as well as participation in the nTOF collaboration at CERN).
3. Nuclear Astrophysics, 2000 – 2003 (including cross section measurements of (p, $\gamma$ ) reactions in Athens, N.C.S.R. 'Demokritos', as well as in Debrecen, Hungary).
4. Reaction Physics, 2002 – today (including in situ studies of weakly bound stable nuclei via elastic scattering and reaction cross section measurements, via a Saclay, France – Catania, Italy – N.C.S.R. 'Demokritos' – University of Ioannina collaboration).

## PUBLICATIONS IN REFEREED JOURNALS

> 85 publications in refereed journals ([www.scopus.com](http://www.scopus.com)) in the fields of applied and basic nuclear physics.