

## Curriculum Vitae

### 1. PERSONAL DETAILS

**FAMILY NAME** : **Kokkoris**  
**FIRST NAME** : **Michael**  
**PLACE OF BIRTH** : **Athens**  
**DATE OF BIRTH** : **7 August 1968**  
**FAMILY STATUS** : **Married, one child**  
**WORK ADDRESS** : **National Technical University of Athens (N.T.U.A.), Faculty of Applied Sciences, Department of Physics, Zografou Campus 157 80, Athens, Greece, phone: +30- 210-7723049, fax : +30-210-7723025 e-mail: [kokkoris@central.ntua.gr](mailto:kokkoris@central.ntua.gr)**  
**HOME ADDRESS** : **86 Irodotou st., Aghios Neilos, Kallipoli 185 38, Piraeus, phone: +30-210-4288217**  
**CURRENT POSITION** : **Assistant Professor in the Department of Physics, N.T.U.A., since May 2003**

### 2. EDUCATION

- 2.1 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”.**
- 2.2 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  $^{107}\text{In}$ ”.**
- 2.3 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”.**
- 2.4 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”.**

### 3. SCHOLARSHIPS – AWARDS

- 3.1 Post doc fellowship, Institute of Nuclear Physics, N.C.S.R. ‘Demokritos’, 2000–2003.
- 3.2 Post doc fellowship, National (Greek) Scholarship Foundation 1999–2000.
- 3.3 1<sup>st</sup> award of original scientific publication, National Technical University of Athens (1999).
- 3.4 Research fellowship from Catholic University of Louvain at Louvain-la-Neuve, Belgium (1993–1994).
- 3.5 Teaching Assistanship, Texas A&M University (1991–1992), Research Assistanship, Texas A&M University (6/1992–8/1992), at Fermilab, USA.
- 3.6 Joint scholarship from the Greek Ministries of Finance and Education for the whole duration of undergraduate studies after examinations (1986–1991).
- 3.7 Special award from the National (Greek) Scholarship Foundation (for entering as 4<sup>th</sup> in the Department of Physics, University of Athens, following national examinations, 1986).

#### 4. OTHER PERSONAL DETAILS

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

#### 5. TEACHING EXPERIENCE

- 5.1 Assistant Professor, Department of Physics, N.T.U.A. (5/2003 – today, undergraduate courses in Nuclear Physics, Classical Mechanics and Electromagnetism, lab instructor for senior student labs in Nuclear Physics and Applied Nuclear Physics, supervisor in 20 Diploma thesis, 10 M.Sc., and advisory committee member for 7 Ph. D. candidates).
- 5.2 Teaching Assistant, Department of Physics, N.T.U.A. (Lab instructor, 1994–1995, 1998 – 1999).
- 5.3 Teaching Assistant, Department of Physics, Texas A&M University, USA (Lab instructor 1991–1993).

#### 6. OTHER DETAILS

- 6.1 Fluent in English, French, German.
- 6.2 Experience in most operating systems, computer types and networks, computer programming.

#### 7. PUBLICATIONS IN CONFERENCE PROCEEDINGS

> **35 contributions** (including national conferences, AIP conference proceedings and IEEE records).

#### 8. 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).

#### 9. 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.