

ANDREAS A. LOGOTHETIS – RÉSUMÉ

PERSONAL DETAILS

Address: Agias Varvaras 3–7
Palaio Faliro, 17563

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Birth date: November 15, 1989 (27 years old)

EDUCATION

2017 – today: **PhD candidate**

Medical Physics Laboratory, Medical School, National and Kapodistrian University of Athens

Subject: *"Investigation and development of procedures for the quality assurance of treatment planning systems of modern radiotherapy techniques"*

2015 – 2017: **MSc in Medical Radiation Physics**

Grade: **8.04/10**

Thesis: *"Development of specialized user code for Monte Carlo simulation computational dosimetry using EGSnrc"*

2007 – 2015: **BSc in Physics**, National and Kapodistrian University of Athens

Department of Nuclear and Particle Physics

Grade: **6.94/10**

Thesis: *"Emission tomographic image reconstruction with multiple absorption centers"*

2004 – 2007: **2nd High School of Palaio Faliro**

Grade: **17.1/20**

CONFERENCES PRESENTATIONS

(2017/10/12 – 13) *"Development of a Phase Space source model for Monte Carlo dosimetry in Gamma Knife applications"* (A. Logothetis, E. P. Pappas, E. Zoros, E. Pantelis, A. Dimitriadis, I. Paddick and P. Karaiskos), accepted for oral presentation on the "BIOMEPP 2017" conference (Technological Educational Institute of Athens)

(2017/10/12 – 13) *"Dosimetric validation of the Convolution and TMR 10 dose algorithms of the GammaPlan treatment planning system"* (A. Logothetis, E. Zoros, E. P. Pappas, E. Pantelis, A. Dimitriadis, I. Paddick and P. Karaiskos), accepted for poster presentation on the "BIOMEPP 2017" conference (Technological Educational Institute of Athens)

INTERNATIONAL CONFERENCE ATTENDANCE

2016/9/1 – 4: *"1st European Congress of Medical Physics"*, EFOMP (Eugenides Foundation)

COMPUTER SKILLS

Operating systems: Excellent knowledge of **Microsoft Windows** and **Linux/Unix**

Office suites: Excellent knowledge of **Microsoft Office**, **Open/Libre-office**

Programming languages: Very good knowledge of **C++**, **C**, **Fortran**
Basic knowledge of **Python**, **Bash**, **Perl**, **OCaml**

Computational software: **MATLAB**, basic knowledge of **R**, **SPSS**, **Gnuplot**

Specialized software: Experience in Monte Carlo simulation with **EGSnrc**, little experience with **GATE**

Other: **LaTeX**, **HTML**, **XML**

LANGUAGES

Mother language: **Greek**

Foreign languages: **English** – fluent (C2)

Qualification: Certificate of Proficiency in English, University of Michigan (2005)

Basic knowledge of **Japanese** and **Arabic** (MSA) (~A2 level, after course attendance and self-teaching)

DISTINCTIONS

Successful attendance on the 67th Pan-Hellenic Competition on Mathematics, Thales (2006–2007)

ACTIVITIES / PERSONAL INTERESTS

Music: Studies on violin (5 years) and electric guitar

OTHER SKILLS

Car driving licence