

DIMITRIOS P. DELLIOS

Physicist, MSc in Medical and Radiation Physics,
financially supported by the Hellenic Scholarships Foundation (I.K.Y)

PERSONAL INFORMATION

📍 Ipolohagou Kapetanaki 50, 17342, Agios Dimitrios (Greece)

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Date of Birth 26/10/1989

EMPLOYMENT

2018– **Software engineer in the field of non-ionizing RF identification**

Business Effect Inc

- Application development implementing programming in C# and SQL for data analysis, aiming at faster RFid implementation in the supply chain.

2018– **Medical Physics Intern (Radiology, Nuclear Medicine, Radiotherapy)**

Aretaieion Univercity Hospital

2014 **Applied Mathematics and Physical Sciences Intern**

Radiobiology Laboratory, Department of Radiological Sciences and Radiopharmaceuticals, INRASTES, NCSR "Demokritos"

- Development of the cytokinesis block micronuclear assay (CBMN).

EDUCATION

2018– **Phd Candidate**

Medical Physics Laboratory, Medical School, University of Athens

2018 **Professional license to practice Medical Physics in the field of non-ionizing radiation.**

Ministry of Health

2015–2017 **M.Sc. in Medical Physics – Radiation Physics**

Medical School, University of Athens

2007–2015 **Applied Physics Diploma**

School of Applied Mathematics and Physical Sciences, National Technical University of Athens

THESES

“Geometric Distortion Assessment and Evaluation of Correction Methods on MRI Images”, M.Sc Thesis, National and Kapodistrian University of Athens, 2015

“Radiosensitization test of the radioresistant cancer cell line A431 using new quinazoline derivatives”, B.Sc Thesis, National Technical University of Athens, 2013

SCIENTIFIC PUBLICATIONS IN NATIONAL JOURNALS

E. P. Pappas, I. Seimenis, **D. Dellios**, G. Kollias, K. I. Lampropoulos, and P. Karaiskos, “Assessment of sequence dependent geometric distortion in contrast-enhanced MR images employed in stereotactic radiosurgery treatment planning,” *Phys. Med. Biol.* **63** 135006, 2018.

SCIENTIFIC PUBLICATIONS IN NATIONAL JOURNALS (CONFERENCE RECORDS)

Pappas EP, **Dellios D**, Seimenis I, Moutsatsos A, Georgiou E, Karaiskos P. Review and comparison of geometric distortion correction schemes in MR images used in stereotactic radiosurgery applications. *J Phys Conf Ser.* 2017;931:12031. [doi:10.1088/1742-6596/931/1/012031](https://doi.org/10.1088/1742-6596/931/1/012031).

ANNOUNCEMENTS IN INTERNATIONAL CONFERENCES

E. P. Pappas, **D. Dellios**, I. Seimenis, A. Moutsatsos, E. Georgiou and P. Karaiskos (2017) 'Review and comparison of geometric distortion correction schemes in MR images used in stereotactic radiosurgery applications', Abstract in scientific conference "BIOMEPE 2017" (Athens)

E. P. Pappas, I. Seimenis, **D. Dellios**, A. Moutsatsos, E. Georgiou, P. Karaiskos (2017) 'Efficacy of vendor supplied distortion correction algorithms for a variety of MRI scanners', Abstract in scientific conference ESTRO 36 (Vienna)

PERSONAL SKILLS

Native Language **Greek**

Foreign languages **English** (First Certificate in English)
German (Grundstufe)

Digital Skills **Software:** Microsoft Visual Studio, Matlab, Mathematica, Maxima, OriginLab, Pspice, Microsoft Office, Graphpad Prism
Programming: C#, Java, Fortran, HTML, Android SDK

Database: SQL

OS: Windows, Linux, Android, Mac OS

INTERESTS

Sports (Football, Basketball, Table Tennis), Martial Arts

ADDITIONAL
INFORMATION

Military Service Completion (15/5/2017 – 15/02/2018).