DIMITRIOS P. DELLIOS

Medical 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)

(+30) 6976307437

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Date of Birth 26/10/1989

EMPLOYMENT

2019- **Software Engineer**

RCS Technologies Greece

- Various Java frameworks including Spring, Netty, Akka
- Full ELK stack
- New Relic One
- Devops automation Tools (Ansible, Terraform)
- AWS and OVH server maintenance

2018–2019 **Project Manager - Applications 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.
- RFID automation solutions for major clients like BIC SA, Plaisio Computers.

2018–2019 **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

2019 **Professional license to practice Medical Physics in the field of**

ionizing radiation.
Ministry of Health

2019 Professional license of Applied Mathematics and Physical Sciences Engineer
Technical Chamber of Greece

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

D. Dellios, E.P. Pappas, I. Seimenis, C. Paraskevopoulou, K.I. Lampropoulos, G. Lymperopoulou, P. Karaiskos. Evaluation of patient specific MR distortion correction schemes for improved target localization accuracy in SRS. *Med Phys. 2020 Nov 24*. doi: 10.1002/mp.14615

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)

D. Dellios, E. P. Pappas, I. Seimenis, P. Karaiskos. Contrast-enhanced MR images employed in stereotactic radiosurgery: does susceptibility-related distortion pose a significant problem? *ECR 2019: Book of Abstracts.* 2019. Insights into Imaging. https://doi.org/10.1186/s13244-019-0713-y

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.

ANNOUNCEMENTS IN INTERNATIONAL CONFERENCES

D. Dellios, E. P. Pappas, I. Seimenis, P. Karaiskos (2019) 'Contrast-enhanced MR images employed in stereotactic radiosurgery: does susceptibility-related distortion pose a significant problem?', Abstract in scientific conference ECR 2019 (Vienna)

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 "BIOMEP 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', Abstact 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 Server

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).