

PERSONAL INFORMATION

Maria Leiloglou

EDUCATION AND TRAINING

02/04/2018–Present

PhD, Clinical Medicine Research

EQF level 8

Imperial College London, London (United Kingdom)

the Hamlyn Centre for Robotic SurgeryFaculty of Medicine, Department of Surgery and Cancer

01/10/2016–30/09/2017

MSc Biomedical Engineering, classification: distinction

EQF level 7

Imperial College London

South Kensington, London, SW7 2AZ (United Kingdom)

www.imperial.ac.uk

- Stream: Medical Physics and Imaging
- MSc dissertation (77.6/100), Hamlyn Centre for Robotic Surgery, Imperial College London. Title: 'Development and assessment of a NIR Fluorescence/ RGB coupling optical system for breast cancer detection'. Details:

-Design of a user interface in LabVIEW software to control the successive alternation of white/near infrared output of a customized LED source.

-Synchronization of this output with the corresponding configuration of system's camera.

-Interrogation of the sensitivity (SNR) and frame rate of this system to be potentially translated to clinical applications.

27/09/2011–24/07/2015

Bachelor's degree in Physics, Grade:8.77/10

EQF level 6

Aristotle University of Thessaloniki, Faculty of Sciences, School of Physics, Thessaloniki (Greece)

- Specialization field: Nuclear and Elementary Particle Physics
- Dissertation (grade: 10/10), Theageneio General Hospital. Title: 'Dosimetric optimization of the radiation treatment planning for prostate cancer.' Details:

-Planning of 6 different dosimetric plans for 70 Gy dose escalated prostate treatment for 20 patients in the platform of Eclipse™ treatment planning system.

- Evaluation of these dosimetric plans with the help of SPSS IBM Statistics programme.

WORK EXPERIENCE

23/10/2017–31/03/2018

Research Assistant, Hamlyn Centre for Robotic Surgery

Imperial College London, Faculty of Medicine, department of Surgery and Cancer
Bessemer Building, South Kensington Campus, Exhibition Rd, Kensington, SW7 2AZ London
(England)

www.imperial.ac.uk/hamlyn-centre/ □

03/03/2015–30/04/2015

Internship (Practical Training) in Radiotherapy department

Theagenio General Hospital 2 Alexandrou Symeonidi, Thessaloniki, 54352, Thessaloniki (Greece)

www.theageneio.gov

- Use of Eclipse™ treatment planning software
- Assistance to Medical Physicists in radiation treatment planning (for prostate cancer)
- Familiarization with the procedures of radiotherapy, medical imaging (C.T., γ-camera) and nuclear medicine

ADDITIONAL INFORMATION

Honours and awards

Imperial College London, Department of Surgery and Cancer/ NIHR Imperial Biomedical Research Centre

<https://imperialbrc.nihr.ac.uk/>

Ph.D. scholarship

FOUNDATION FOR EDUCATION AND EUROPEAN CULTURE

LISIKRATOUS 12 ,Athens 10558

<http://www.ipep-gr.org/>:

Research Funding