

MICHAIL MAZONAKIS, MSc, PhD

Curriculum Vitae

1. PERSONAL DATA

Name: Michail
Surname: Mazonakis
Current position: Associate Professor of Medical Physics, Medical School, University of Crete, Greece
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Tel: +302810392342

2. EDUCATION

1990: BSc in Physics
Department of Physics, University of Crete, Greece
1991: MSc in Medical Physics
University of Surrey, UK
MSc thesis “Organ uniformity and body composition using gamma-ray transmission tomography for specimen banking”
1993: Training in the field of Medical Physics in Medical Imaging
General Hospital of Athens “Georgios Gennimatas”, Greece
1994: Training in the field of Medical Physics in Nuclear Medicine and Radiation Therapy
Aretaeio Hospital of Athens, Greece
2001: PhD in Medicine
Medical School, University of Crete, Greece
PhD thesis “Application of advanced computerized methods for image reconstruction in CT and MRI”
2018: Postgraduate training
Mays Cancer Center, University of Texas, San Antonio, USA

3. PROFESSIONAL EXPERIENCE - POSITIONS

1995-1996: Scientific Associate
Medical School, University of Crete, Greece
1997-2010: Medical Physicist in a permanent position
Medical Physics Department, University Hospital of Heraklion, Greece
2010-2014: Assistant Professor of Medical Physics
Medical Physics Department, Medical School, University of Crete, Greece
2014-2019: Permanent Assistant Professor of Medical Physics
Medical Physics Department, Medical School, University of Crete, Greece

2020-present: Associate Professor of Medical Physics
Medical Physics Department, Medical School, University of Crete,
Greece

4. RESEARCH ACTIVITY

- Ninety two publications in international peer-reviewed journals (h-index = 27, mean IF = 3.03)
- Seven publications in scientific Greek journals
- Sixty one invited lectures in scientific conferences, workshops and seminars
- Eighty one presentations in international conferences
- Forty presentations in national conferences
- Principal investigator or member of the research group in nine funded research projects

5. TEACHING ACTIVITY

1995-1996: Undergraduate course in “Instrumentation in Medical Imaging”
Medical School, University of Crete, Greece

1996-present: Undergraduate course in “Medical Physics”
Medical School, University of Crete, Greece

1998-2003: Undergraduate course in “Applications of Medical Physics”
Department of Physics, School of Sciences, University of Crete,
Greece

2018-present: Postgraduate course in “Imaging in Oncology” for the “Oncology MSc
Program”
Medical School, University of Crete, Greece
National Hellenic Research Foundation, Greece

2019: Undergraduate course in “Strategies for treating neoplastic diseases”
Medical School, University of Crete, Greece

2019-present: Postgraduate course in “Medical imaging and therapy applications of
ionizing radiation” for “Biomedical Engineering MSc Program”
University of Crete, Technical University of Crete and Foundation for
Research and Technology, Greece

2023-present: Undergraduate course in “Medical Physics”
“International Program in Medicine”
University of Crete, Greece

6. EDITORIAL-REVIEWING ACTIVITIES

- Associate Editor of the European Journal of Medical Physics from 2016 (IF = 2.7)
- Reviewer in the following journals:
European Radiology; Journal of Neurotrauma; Clinical Anatomy; Ophthalmic and
Physiological Optics; Medical Physics; The Scientific World Journal; Journal of
Neuroscience Methods; European Journal of Medical Physics-Physica Medica; British

Journal of Radiology / Case reports; Hellenic Journal of Radiology; Physics in Medicine and Biology; Radiotherapy and Oncology; Applied Radiation and Isotopes; Radiation Oncology; Cancers; Current Oncology

7. STUDENT SUPERVISION

- Five PhD students
Medical School, University of Crete, Greece
- Seventeen MSc students
Medical School, University of Crete, Greece
- Three BSc students
Physics Department, University of Crete, Greece

8. OTHER SCIENTIFIC-ADMINISTRATIVE ACTIVITIES

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| 1999-2016: | Radiation Protection Officer of the Radiation Therapy Laboratory of the University Hospital of Heraklion, Greece |
| 2008-2016: | Radiation Protection Officer of the Brachytherapy Laboratory of the University Hospital of Heraklion, Greece |
| 2018-2022: | Member of the Ethics Committee of the University Hospital of Heraklion, Greece |
| 2019-2020: | Director of the Department of Radiation Oncology
University Hospital of Heraklion, Greece |
| 2019-2020: | Director of the Department of Radiation Oncology
Medical School, University of Crete, Greece |
| 2022-present: | Vice president of the Ethics Committee of the University Hospital of Heraklion, Greece |