

Short Curriculum Vitae



1. Personal Details :

Name, Middle Name, Surname : **Thomas, George, Maris**
Date of Birth : 31st January, 1963
Place of Birth / Nationality : Heraklion, Crete / Greek
Residence Address : Drakontopoulou 35 st, GR71306, Heraklion, Crete
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2. Education Qualification :

Degree	University	Subject	Years	Grades
Bachelor of Science (B.Sc)	Crete	Physics	Okt. 1980 - Jan. 1985	7/10
Master of Science (M.Sc)	Surrey, U.K.	Medical Physics	Sep. 1985 - Nov. 1986	
Doctor of Philosophy (Ph.D)	Athens	Medicine	Apr. 1991- Apr.1997	Hons

3. Professional Appointments and Present Position:

March 1988 : Non ionizing radiation license of profession (A.P. A2 st/49, Greek Ministry of Health)
November 1990 : Ionizing radiation license of profession (A.P. A2 st/4903, Greek Ministry of Health)
1991-1998 : Medical Physicist (M.Sc), Radiology Section, Areteion University Hospital, Athens, Greece
1998- 2003 : Medical Physicist, Medical Physics department, University Hospital of Heraklion, Crete, Greece
2003- 2008 : Assistant Professor of Medical Physics, Medical School, University of Crete (UoC), Greece
2008- 2015 : Assistant Professor of Medical Physics (Permanent Position), Medical School, UoC, Crete, Greece
2015- Present : Associate Professor of Medical Physics, Medical Physics department, Medical School, UoC, Greece

4. Honours and special positions:

1999-2010 : Member/General Secretariat of the Hellenic Association of Medical Physicists (HAMP)
2004-Present : HAMP national delegate/ European Federation of Organisations for Medical Physicists (EFOMP)
September 2008 : Chairman of the 5th International Conference on Radiotherapy Gel Dosimetry (DOSGEL 2008)
2008-2010 : DOSGEL Society, Scientific committee member
2010-2012 : President of the Hellenic Association of Medical Physicists (HAMP)
2012-2014 : Vice President of the Hellenic Association of Medical Physicists (HAMP)
2014-2016 : Vice President of the Hellenic Association of Medical Physicists (HAMP)
2016-2018 : Treasurer of the Hellenic Association of Medical Physicists (HAMP)
2019-Present : Treasurer of the Hellenic Association of Medical Physicists (HAMP)

5. Research Output:

Cited Publications (full papers) : **98** (68 in clinical/quantitative MRI/NMR), (11 in Gel Dosimetry/MRI), (11 in Medical imaging), (3 in Radiotherapy), (3 in Medical informatics), (2 in Occupational Safety)
Cited Publications (conference papers) : **20** (11 in Gel dosimetry/MRI), (5 in clinical/quantitative MRI/NMR), (3 in Medical informatics), (1 in Occupational Safety)
Non self citations : **2094** (05/2020, Scopus)
h-index, (excluding self citations) : **24** (05/2020, Scopus)
Max/Mean journal impact factor (articles 2018) : **302/3.19** (05/2020, JCR)
Invited Lectures (Greece, Europe) : **58**
Scientific Presentations (National/International) : **242** (61/181)

6. Reviewer in scientific journals (05/2020):

European Radiology, Magnetic Resonance in Medicine, European Journal of Radiology, Medical Physics, Physics in Medicine and Biology, Physica Medica, Hellenic Journal of Radiology : **47**

7. International Patents(1):

“Patient-Specific Radiotherapy Treatment Verification and Quality Assurance”, 2015, PCT: WO/2015/044781

8. Involment in entrepreneurship activities(1):

2014-Present : Co-Founder in a Spin Out company, (RTsafe PC, Athens, Greece, www.rt-safe.com).
2016-Present : Founder and CEO in a Spin Off company of the University of Crete, (MARIS MAGNETICS PC, Chersonissos, Crete, Greece).

9. Active Research Interests :

Quantitative MRI, Gel Dosimetry, Medical Imaging, Radiotherapy, Hyperthermia

10. Involment in funded research projects (10):

- 1991-1993 : **Co-Principal Investigator:** “Advanced Magnetic Resonance Imaging techniques in medicine and Biomaterials”, STRIDE Hellas 91, (Work 38, 3.7, Areteio University Hospital), (a) Sol-Gel Lab, (b) NMR Lab, Institute of Material Science, Demokritos, Athens Greece. (Budget: 130.000 E).
- 2002-2003 : **Project Leader and Principal Investigator:** “Development of a comprehensive quantitative MRI (qMRI) protocol: In vivo assessment of tissue minerals”, European Congress of Radiology (ECR), Medical Physics department, University of Crete, Greece. (Budget: 9000 E).
- 2004-2009 : **Co-Principal Investigator:** “Interstitial administration of novel pharmaceutical agents and magnetic nanoparticles for the therapy and the monitoring of the evolution of malignancies for the central nervous and digestive systems”, Greek ministry of education (EPAN), GSRT code: YB/23, ELKE : KA1961), Radiology department, University of Crete, Greece. (Budget: 118.000 E).
- 2005-2008 : **Project Leader and Principal Investigator:** “Development of Magnetic Resonance Imaging protocols for the optimization of the polymer gel dosimetry reading techniques and their subsequent application on quality assurance programs for modern radiotherapy applications”, Greek ministry of health (EPEAEK II, PYTHAGORAS II, action 2.2.3). (Code no: KA 2079). Medical Physics department, University of Crete, Greece. (Budget: 80.000 E).
- 2007-2013 : **Co-investigator:** “Mental Simulation of Action-MESI”. Aristeia II Program, Operational Program for Education and Lifelong Learning 2007-2013 (E.P.E.D.V.M.) of the NSRF (2007 - 2013), 2014-Fall 2015.
- 2018-Present : **Project Leader and Principal Investigator:** “Conversion and Calibration of Magnetic Resonance Imaging System (MRI) in a measuring system of hyperthermia applications, using magnetically labeled nanoparticles - MRI-TEMPERATURE”, MARIS MAGNETICS PC, Spin Off - University of Crete (100% participation), Operational Program Competitiveness, Entrepreneurship and Innovation 2014-2020 (EPAnEK), (Code: T1EΔK-00149), (Budget: 200,000 E).
- 2018-Present **Principal Investigator:** “Development of automated iron concentration measurement techniques in parenchymal organs – APOSIDI”, University of Crete (UoC:25% participation), Operational Programme Competitiveness, Entrepreneurship and Innovation 2014-2020 (EPAnEK), (Code: T1EΔK-02478), (Budget: 834.000 E, UoC budget: 113.000 E).
- 2018-Present **Project Leader and Principal Investigator:** “Decision Support system based on Radiogenomics for treatment management of patients with ovarian cancer - DESTINY”, MARIS MAGNETICS PC, Spin Off - University of Crete (16 % participation), Operational Programme Competitiveness, Entrepreneurship and Innovation 2014-2020 (EPAnEK), (Code: T1EΔK-02886), (Total Budget: 994.600 E, MARIS MAGNETICS budget: 80.000 E).
- 2018-Present **Co-investigator:** “Cognitive, psychoemotional and neuroimaging predictors of disease progression in the early stages of Multiple Sclerosis”. Hellenic Foundation for Research and Innovation, Post-Doctoral Fellowship Grant (Total budget UoC: 150.000 E).
- 2018-Present **Co-investigator:** “Parallel algorithms for very large tensor processing – PARTENSOR”. Operational Programme Competitiveness, Entrepreneurship and Innovation 2014-2020 (EPAnEK), Code: T1EΔK-03360, (Total budget: 589.500 E, UoC budget: 82,000 E)

11. Teaching and training:

- 1998-Present : Undergraduate courses in Medical Physics (Medical School, University of Crete, (UoC), Greece).
- 1998-Present : Postgraduate courses in Medical Physics (Medical Imaging Department, UoC, Greece).
- 1998-Present : Postgraduate courses in Medical Physics. “Non Ionising Radiation. Introduction in Magnetic Resonance imaging”, (Greek Atomic Energy Commission, Athens, Greece)
- 2006-Present : Postgraduate courses in Medical Physics. “Non Ionising Radiation. Introduction in Magnetic Resonance imaging”, (Medical Physics Department, University of Patras, Patra, Greece)
- 2008-2018 : Postgraduate courses in Medical Physics. (Medical Physics dept., UoC, Greece)
- 2010-Present : Supevising of 25 national PhDs, 11 national M.Sc theses, 4 national B.Sc theses
- 2012-2016 : Scientific organizer of workshops in quality assurance in MRI. HAMP, Greece