



Kostas Perisinakis, Professor of Medical Physics

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Biographical Sketch

Kostas Perisinakis was born in Heraklion, Crete, Greece in 1968. He received his BSc. in Physics from the University of Athens in 1991, his MSc in Medical Physics from the University of Patras in 1995, and his PhD in 1999 from the Medical School of the University of Crete. He joined the Medical Physics Department of the Medical School of the University of Crete and University Hospital of Heraklion in 1996 as Scientific Associate. In 2000 he was elected Lecturer of Medical Physics, in 2005 Assistant Professor, in 2015 Associate Professor and since 2020 serves as Professor of Medical Physics in the Medical School of the University of Crete. Since 2018 he is affiliated researcher in Computational Bio-medicine Laboratory of the Institute of Computer Science in the Foundation for Research and Technology - Hellas (FORTH). Since 2022 he is Director of the Biomedical Engineering MSc postgraduate program organized by the Medical School of the University of Crete.

He is author or co-author in 120 scientific papers published in peer-review journals indexed in Index Medicus and PubMed, which have received more than 3175 citations (h-index 30, according to Scopus by Nov 2022) and 4814 citations (h-index 39, according to Google Scholar by Nov 2022). He has participated as invited speaker in more than 120 national/international conferences/seminars. He is member of the Editorial Board of the 'European Journal of Medical Physics (EJMP)' and serves as Reviewer in >40 peer-review journals e.g. Medical Physics', 'Physics in Medicine and Biology', 'Radiology', 'European Radiology', 'Investigative Radiology', 'Journal of American College of Cardiology' and 'Circulation' among others.

He is elected member of the administration board of the Greek Association of Medical Physicists (GAMP). He has been elected member of the administrative board in the Association of Academic Personnel of the University of Crete. He is a member of the European Federation of Organizations for Medical Physics (EFOMP), the European Society of Radiology (ESR) and the Greek Association of Nuclear Medicine.

Main research interests

- a. Dosimetry, image quality and technology of CT imaging
- b. Quantification of the radiation dose and associated radiogenic risks from radiological and nuclear medicine procedures
- c. Optimization of patient/occupational exposure and image quality in radiological and nuclear medicine procedures