Michalis Mazonakis, MSc, PhD

Associate Professor of Medical Physiscs

E-mail: mazonak@uoc.gr
Tel.: (+30) 2810-392342
Fax: (+30) 2810-542095
Address: Department of Medical Physics, Medical School, University of Crete, 71003 Heraklion, Crete, Greece

Short CV

Michalis Mazonakis was born in Heraklion, Crete, Creece in 1968. He attended the University of Crete, Greece where he received the bachelor degree in Physics in 1990. He obtained his M.Sc. in Medical Physics from the University of Surrey, UK in 1991 and his Ph.D. in Medical Physics from the University of Crete in 2001.

He was trained in the field of Medical Physics in the hospitals "G. Gennimatas" and "Areteion" of Athens from 1992 to 1994. In 1995, he obtained the Hospital Physicist Competence Certificate from the Greek Ministry of Health. During the time period 1995-1996 he was a scientific associate in the Medical School of the University of Crete. From 1997 to 2010 he served in a permanent position as Medical Physicist in the University Hospital of Heraklion. In 2010, he was elected Assistant Professor of Medical Physics in the Medical School of the University of Crete. He served as permanent Assistant Professor of Medical Physics in the above institution from 2014 to 2019. He currently works as Associate Professor of Medical Physics in the Medical School of the University of Crete. He was director of the Radiation Oncology Department of the University Hospital of Heraklion from 2019 to 2020.

He is author and co-author of 70 publications in international peer-review scientific journals (h-index = 23). He has given more 45 invited lectures in conferences and seminars. He has participated in more than 100 presentations in international and national conferences. He has reviewed papers for 11 different scientific journals. He serves as Associate Editor in the European Journal of Medical Physics from 2016 and he was also Guest Editor in one issue of the above journal.

His main research interests are focused on the dosimetry in external-beam radiation therapy, on the assessment of the radiogenic risks from the use of advanced modulated radiotherapy techniques and on the development of methods for the quick and accurate organ volume measurements from CT and MRI data. He has been involved in several funded research projects as coordinator or research member.

He is member of the Hellenic Association of Medical Physicists, of the European Society of Radiology and of the European Society for Radiotherapy & Oncology.