

Dimitris Mihailidis, Ph.D.



ABMP Board Member (representing AAPM)

Dr. Mihailidis is the Chief of Photon Physics and Dosimetry and Clinical Associate Professor at the University of Pennsylvania, Perelman Center for Advanced Medicine, Department of Radiation Oncology, in Philadelphia. He received his Ph.D. in Physics and completed his Medical Physics Clinical Residency, both at the University of Minnesota. He is board certified by the American Board of Medical Physics and by the American Board of Radiology in Therapeutic Medical Physics. He is an active member of many professional organizations including AAPM, ASTRO, ANS, APS and others. He has served as Chair and member of many committees and task groups of the AAPM and ASTRO and he has been invited as a speaker to several national and international conferences and meetings. He has been serving the Medical Physics Journal under many capacities since 2002, with the last 8 years as Editor for the Books and Publications department of the Journal.

Dr. Mihailidis has been named a fellow with the American Association of Physicists in Medicine and with the American College of Medical Physics.

Dr. Mihailidis has authored and co-authored a large number of peer reviewed articles, reports and scientific abstracts. He has co-authored book chapters and he is one of the co-authors of the "Khan's Lectures: A Handbook of the Physics of Radiation Therapy". He serves as reviewer and guest editor in many scientific journals in both radiotherapy physics and medical imaging physics. Dr. Mihailidis has received financial support for R&D and clinical implementation of new technology in the field of radiation therapy. He has served as examiner for the oral exam with the American Board of Radiology, in Therapeutic Medical Physics.

Dr. Mihailidis has trained many clinical physicists in the clinical environment and has been contributing to the University of Pennsylvania CAMPEP accredited graduate and residency training programs, either as mentor or as presenting faculty.

His research interests include new technology approaches in radiotherapy, development of clinical treatment protocols, special procedures and treatment plan optimization and adaptation.