



Short biography:

Dr. Dimitris Mihailidis is an Associate Professor of Radiation Oncology with the Perelman School of Medicine at the University of Pennsylvania. He holds a BS in Physics from the University of Ioannina, Greece and a PhD in Nuclear Physics from University of Minnesota. His research interests include new technologies in radiation therapy and treatment deliveries, treatment plan optimization based on biological parameters, and electron beam dosimetry. His clinical responsibilities include the clinical development of new treatment techniques, implementation of novel clinical techniques in the radiotherapy external beam and brachytherapy treatments, developing policies for managing RT patients with implanted cardiac devices, starting up new radiotherapy physics programs, shielding and quality assurance of radiation physics, and radiation safety and protection. He has chaired numerous committees and task groups of the American Association of Physicists in Medicine and has published over 100 peer reviewed scientific articles, reports and book chapters. He is co-author of “*Khan's Lectures: Handbook of the Physics of Radiation Therapy*” and the Editor for Book Reviews for the Medical Physics Journal. He is a Fellow of the American Association of Physicists in Medicine and the American College of Medical Physics. Dr. Mihailidis is certified by the American Board of Medical Physics and the American Board of Radiology and serves as examiner for both certification boards. Dr. Mihailidis directs and co-teaches the *Radiation Detection and Measurement* course at the University of Pennsylvania Graduate Programs.