

Dimitris Emfietzoglou studied physics (BSc) at the University of Athens (Greece) and radiation physics and biophysics (MSc, PhD) at Georgetown University (Washington, DC, USA). Currently, is Professor of Medical Radiation Physics at the University of Ioannina Medical School. Supervised the thesis of 4 PhD students, 10 Master students, and 35 undergraduate students. His research interests include the development of practical models for the calculation of cross sections for the interaction of ionizing radiation with biomolecules, Monte Carlo track-structure simulations in biological media, and microdosimetry applications in radiation therapy and radiation protection (including space radiation). Served as co-PI in 2 EC-funded projects (FP7-PEOPLE and FP7-HEALTH), 2 ESA-funded projects, 2 CNRS-funded (France-Greece cooperative research) grants, and an ARC-funded (Australian Research Council) partner grant. Published 143 papers in peer-review international journals which have received 4626 citations per Scopus (h-index = 42) and 6260 citations per GoogleScholar (h-index = 47). Co-authored (with Hooshang Nikjoo and Shuzo Uehara) a book entitled “Interaction of Radiation with Matter” published in 2012 by CRC press (ISBN 9781439853573). Serves in the Editorial Board of the International Journal of Molecular Sciences (MDPI), Biomedical Physics & Engineering Express (IoP), and Frontiers in Physics-Medical Physics and Imaging section. Served as Consultant to the International Commission on Radiation Units and Measurements (ICRU) Report 90 on “Key data for ionizing-radiation dosimetry: Measurements standards and applications” published in 2017, and as a Committee Member of the ICRU Report 96 on “Dosimetry-Guided Radiopharmaceutical Therapy” published in 2022.

