

Konstantina S. Nikita received the diploma in Electrical Engineering and the Ph.D. degree from the National Technical University of Athens (NTUA), as well as the M.D. degree from the Medical School, University of Athens. From 1990 to 1996, she worked as a researcher at the Institute of Communication and Computer Systems. In 1996, she joined the School of Electrical and Computer Engineering, NTUA, as an assistant professor, and since 2005, she serves as a professor at the same school. She is director of the Mobile Radiocommunications Lab and director of the Biomedical Simulations and Imaging Lab, NTUA. Since 2015, she is an Adjunct Professor of Biomedical Engineering and Medicine, at Keck School of Medicine and Viterbi School of Engineering, University of Southern California.

Her current research interests include computational bioelectromagnetics, biomedical signal and image processing and analysis, simulation of physiological and biological systems, biomedical telemetry and computational neuroscience. Her published work consists of seven books in English and two books in Greek, 12 journal special issues as Guest Editor, 167 papers in refereed international journals, 42 chapters in books and over 300 papers in international conference proceedings. She holds three patents. She has been the technical manager of several European and National R&D projects. She is a member of the Editorial Board of IEEE Transactions on Antennas and Propagation, IEEE Transactions on Biomedical Engineering, IEEE Journal of Biomedical and Health Informatics, Bioelectromagnetics, Journal of Biomedical Engineering and Computing, as well as Co-Editor-in-Chief of the International Journal of Monitoring and Surveillance Technologies Research (IJMSTR).

She has been honorary chair/chair of the program/organizing committee of more than 50 international conferences, while she has served as keynote/invited speaker at several international conferences, symposia and workshops. She has been the advisor of 27 completed Ph.D. theses, several of which have received various awards. She has received various honors/awards, with the Bodossakis Foundation Academic Prize (2003) for exceptional achievements in "Theory and Applications of Information Technology in Medicine" being one of them. She is a Founding Fellow of the European Association of Medical and Biological Engineering and Science (EAMBES), a Fellow of the American Institute of Medical and Biological Engineering (AIMBE), a Senior Member of the Institute of Electrical and Electronics Engineers (IEEE), a member of the Technical Chamber of Greece and of the Athens Medical Association. She has been a member of the Board of Directors of the Atomic Energy Commission and of the Hellenic National Academic Recognition and Information Center, as well as a member of the Hellenic National Council of Research and Technology and of the Hellenic National Ethics Committee. She has also served as the Deputy Head of the School of Electrical and Computer Engineering of the NTUA. She is a member of the IEEE-EMBS Technical Committee on Biomedical and Health Informatics (TC BHI) and of the IEEE-EMBS Administrative Committee (AdCom). Currently, she serves as chair of the LS7 Consolidator Grant Panel of the European Research Council (ERC), for granting investigator-driven frontier research in the domain of life sciences.