

GREECE

Konstantina Nikita

Medical engineering

Konstantina Nikita is a professor at the School of Computer and Electrical Engineering of the National Technical University of Athens (NTUA), director of the Mobile Radiocommunications Lab, and founder and director of the Biomedical Simulations and Imaging Lab-NTUA.

Trained as both a physician and engineer, she adapts technologies developed in the antenna and computer industry to the field of healthcare. As part of her pioneering work, she has created a new generation of devices and implants characterised by extreme miniaturisation and enhanced performance. She develops smart systems for monitoring, treating, motivating and coaching patients with chronic diseases such as diabetes, obesity, cancer and cardiovascular diseases, as well as neurological, mental and cognitive disorders.

She is a member of renowned medical and engineering institutes, centres, committees and associations in her own country and abroad, and has received major Greek and international awards and recognition.