

Biodata



Marlen Perez Diaz, obtained her BSc in Nuclear Physics at the Institute for Nuclear Sciences and Technology in Habana-Cuba, in 1993. She obtained an MSc degree in Medical Physics at the same institution in 1998, and a PhD in Physics in 2003 at the Havana University with a thesis focused on image quality vs. dose optimization in Nuclear Medicine scans. She is currently full professor for Biomedical Engineering at the Study Center for Electronic and Information Technologies - Central University of Las Villas-Cuba. Dr Perez Diaz is working in some Medical Physics and image processing topics, i.e. optimization, compression, segmentation as well as radiological protection. She has attended some training in her specialty at different centers such as: the Abdus Salam International Centre for Theoretical Physics in Trieste (ICTP), Salsgrenka University in Sweden, Ramon y Cajal Hospital in Madrid-Spain, Pernambuco University in Brazil and Brussels University in Belgium. She is member of the Third World Organization for Women in Science, (TWOWS), the American Association of Physicists in Medicine (AAPM), the Cuban Physics Society, the Cuban Biomedical Engineering Society and is Regular Associate to the ICTP for the period 2010-2015. She has been awarded distinctions for her scientific results in her country. She is reviewer of the Cuban Journal of Physics, Cuban Journal of Bio-Engineering and Medical Physics and the Brazilian Journal of Biomedical Engineering. Some undergraduate, master and PhD students are under her supervision in research projects at national and international levels. To her credit there are 56 presentations at international scientific congress and conferences and has published 30 papers in indexed journals.