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MSc degrees in Physics (Electronics) in 1991 and PhD in Physics (1995) from the University of Granada, Spain. He is currently an associate professor at the University of Granada. Since 1992, he has been working on trapping of carriers in different electronic devices (diodes and MOS transistors) including characterisation and simulation of capture cross sections, random telegraph noise, and generation-recombination noise in devices. From 2000, his current research interest is the study of the application of MOS devices as radiation sensors and the electronic instrumentation design directed to portable, low cost electronic systems in the fields of chemical and physical sensors. He is co-author of about 100 peer-reviewed scientific papers and congress communications and 4 patents.