

SHORT BIO

Pierpaolo Palestri received the Laurea degree in Electronic Engineering from the University of Bologna, Italy, with a thesis on impact ionization in bipolar transistors. From 1998 to 2000, he received a research grant from the University of Udine, Italy, where he worked on the simulation and optimization of bipolar transistors and on the analysis of hot electron phenomena in MOS devices and non-volatile memories. From July 2000 to October 2001 he was a Post-Doctoral Member of Technical Staff at Bell Labs (Lucent Technology, Murray Hill, New Jersey), working on the simulation and experimental characterization of silicon-germanium bipolars. In November 2001, he became Assistant Professor at the University of Udine, where he then finished his PhD in 2003. In November 2005, he became Associate Professor of Electronics at the University of Udine. Since November 2023 he is full professor of Electronics at the University of Modena and Reggio-Emlia, Italy. His research interests are mainly in the development of microscopic models for semiconductor devices and sensors as well as in the modeling and design of high-speed analog/mixed-signal circuits and systems.