



Dr. Marco Saraniti

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After graduating at the Walter Schottky Institute of the Technical University of Munich (Germany), Marco Saraniti was for two years a Faculty Research Associate at the Department of Electrical Engineering of Arizona State University in Tempe, AZ. From 1998 to 2007 he joined the faculty of the Illinois Institute of Technology (Chicago, IL), where he was awarded the tenure in 2004 and was promoted to the rank of full Professor in 2007. In August 2007 he moved back to ASU where he is currently a Professor in the EE Department.

Marco Saraniti's current research activity focuses mainly on computational electronics applied to the simulation of semiconductor devices and biological structures. His recent scientific work covers the following fields: (a) development of Monte Carlo and Cellular Automaton techniques for 2D and 3D physical simulation of semiconductor devices, (b) simulation and engineering of biosensors, and (c) development of numerical methods for the modeling and simulation of membrane proteins.

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