

Vincenzo Tucci

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Curriculum Vitae

Vincenzo Tucci received the Laurea Degree in Electronic Engineering with honors from the University of Naples "Federico II" (Italy) in March 1981.

In 1983 he joined the Electrical Dept. of the University of Naples "Federico II" as a Researcher and in 1992 he was appointed Associate Professor at the Faculty of Engineering of the Polytechnic of Milan. Since 1994 he is with the University of Salerno presently at the Dept. of Electrical and Information Eng. and Applied Mathematics, where he has been appointed full professor of Electrical Engineering in November 2000. He leads the Laboratory of Electromagnetic Characterization of Materials.

The scientific activity concerns the following main topics: electromagnetic characterization and processing of materials, electrical modeling of nano-composites and polymer composites, design and optimization of components for electrical and electronic engineering, analysis and simulation of discharge phenomena, analysis and simulation of power electronic circuits.

Prof. Tucci is responsible of a research unit in international research project funded by European Union under 7th Framework Program "Improving the aircraft safety by self-healing structure and protecting nanofillers" (Grant Agreement 313978) and "Carbon nanotube technology for high-speed next-generation nano-interconnects" (Grant Agreement 216215). He has been the National Coordinator of the research project 2008NMRHJS funded by the Italian Ministry for Research (MIUR) "Development and Electromagnetic Characterization of Nano Structured Carbon Based Polymer CompositEs (DENSE)". He has coordinated researches projects financed by Italian and foreign companies.

Prof. Tucci is author/coauthor of more than 170 scientific papers published in peer reviewed international journals and books and in proceedings of international conferences. Prof. Tucci serves as Session Chairman at international conferences and is part of the Organizing Committee of International Workshops. He is member of the Editorial board of "Circuit and Systems", edited by Scientific Research Publishing Inc. and serves as a reviewer for international journals and conferences.

Prof. Tucci is a member of the Ph.D. Program in "Information Engineering" at the University of Salerno and Ph.D. Program in "Nanotechnology and Nanoscience" organised in cooperation between University of Salerno and the Jacobs University of Bremen (Germany). He has participated and leaded the boards for candidates evaluations in Italian and international Ph.D. programs. He is member of the Scientific Committee of NANO_MATES, a Research Centre for nanomaterials and nanotechnology of the University of Salerno

As it concerns teaching activities, Prof. Tucci teaches "Electrotechnics" for students of the First Level (Laurea) Degree program and "CAD of Electrical and Magnetic Devices" for students of the Second Level the (Laurea MAGistrale) Degree in Electronic Engineering at the University of Salerno. He has served as Coordinator of the Courses Programmes (first and second levels) in Electronic Engineering and Computer Engineering at the University of Salerno from 2011 to 2013.

Prof. Tucci is reviewer for national institutions (Ministry of University and Research, Ministry of Economic Development) and regional agencies funding scientific and technical projects.

Prof. Tucci is Director of the Center for Quality Assurance at the University of Salerno and is responsible for the Certification of research labs in accordance with the standards UNI EN ISO 9001-00 and UNI CEI EN ISO/IEC 17025. Since Jan. 2011 Prof. Tucci is member of the Technical Committee of the Italian Agency EUR-ACE responsible for the Accreditation of Engineering Programmes according to the european standard ENQA.

Prof. Tucci is member of European Aeronautics Science Network (EASN) and representative for academia in the Working Group WG4-Safety and security- of the Advisory Council for Aeronautics Research in Europe - ACARE. He is Senior member of IEEE, IEEE TC11 Nano-technology and member of AEIT.