



Riccardo Colella received the M.Sc. (with honors) degree in Telecommunication Engineering from the University of Salento, Lecce, Italy, in 2010 and the Ph.D. degree in Information Engineering from the same University, in 2015. Currently he is a Research Fellow at the Electromagnetic Fields Group of the University of Salento. His professional and academic background is in the field of RF engineering, microwave

circuits design, and wireless communications, including antenna theory and design. The main research interests lie broadly in the area of Radio-Frequency Identification (RFID) technology with the design of novel RFID devices with augmented capabilities supporting the Internet of Things and novel techniques for RFID tag antenna prototyping and characterization. He authored more than 50 papers appeared on international journals and in national and international conferences, 2 chapter books with international distribution and a Patent. He has been awarded with the prize “Best Thesis on ICT” assigned by CNIT (National Inter-university Consortium on Telecommunications), Confindustria and AICA (Italian Association for Informatics and Automated Computing) in 2011. He has been also awarded with the IEEE MTT-S Central-Southern Italy Award in 2013.



Alessandra Esposito received the Laurea degree (with honors) in Electronic Engineering from the University of Naples, Italy.

is a free-lance consultant in the area of Computer Science and Information Technologies, with a focus on enabling technologies for the Internet of things, such as semantic-oriented applications (ontologies, pervasive computing, context-awareness, intelligent agents, etc.) and distributed/parallel computing (computational clouds, GPU computing, agent paradigm, etc.), for research in universities and small, medium and large companies.

She has cooperated with several research institutions, universities and business companies, in the framework of educational, research and industrial projects. She authored about 100 papers in national and international conferences and journals. She is co-author of the books “Grid Computing for Electromagnetics” edited by da Artech House and “Information Technologies for Electromagnetics” edited by Springer.



Luca Catarinucci received the Laurea degree (with honors) in Electronic Engineering from the University of Perugia, Italy, in 1998. Since 2003, he has been with the University of Salento, Lecce, Italy, where he is currently an Assistant Professor of Electromagnetic Fields and Professor of Microwaves with the Department of Innovation Engineering. He authored more than 110 papers published in international journals

and conferences and four chapters books with international distribution. He holds two patents. His research activity has been mostly focused on the implementation of high-performance electromagnetic simulation tools, on the electromagnetic characterization of heterogeneous materials, on the use of time-domain reflectometry for the qualitative and quantitative characterization of fluids. Currently he is strongly involved in RFID-related activities, ranging from antenna and system design, integration between sensors and RFID tags, RFID-based robot navigation, and new techniques for tag characterization, optimization, and design. He is also responsible of the RFID division of the Electromagnetic Lab of the University of Salento.



Luciano Tarricone received the Laurea degree (cum-laude) in electronic engineering and the Ph.D. degree from Rome University “La Sapienza,” Rome, Italy, in 1989 and 1994, respectively. Since 1994, he has been a Researcher at the University of Perugia, Italy, and since 1998, he has been a “Professore Incaricato” of EM fields and EM compatibility. Since November 2001, he is a Faculty Member with the Dept. of Innovation Engineering, University of Salento, Lecce,

Italy, where he is Full Professor of Electromagnetic Fields. He has authored approximately 300 scientific papers. His main contributions are in the modeling of microscopic interactions of EM fields and biosystems, and in numerical methods for efficient computer-aided design (CAD) of microwave circuits and antennas. He is currently involved in bioelectromagnetics, EM energy harvesting and wireless power transmission, novel CAD tools and procedures for MW circuits, RFID, and EM high-performance computing.