

SHORT COURSE PROPOSAL TO EuCAP 2014, The Hague, THE NETHERLANDS

Course title: Metamaterial Cloaking: Basic Principles and Applications in Antenna Systems



Filiberto Bilotti received the Laurea and Ph.D. degrees both in electronic engineering from “Roma Tre” University, Rome, Italy, in 1998 and 2002, respectively. Since 2002 he has been with the Department of Applied Electronics, “Roma Tre” University, where he works as an Associate Professor of electromagnetic field theory. His main research interests are in the microwave and optical applications of complex media, metamaterials and metasurfaces, with particular emphasis on cloaking devices. He is the author of more than 370 papers in international journals, conference proceedings, and book chapters. From 2004 to 2008, he has been a member of the governing bodies of *METAMORPHOSE*, the *European Network of Excellence on Metamaterials*, where he acted as the coordinator of spreading activities. He is a member of the Steering Committee of the *European Doctoral School on Metamaterials* and the organizer of several international school events and international workshops and conferences in the field of metamaterials. He has been the local organizer of the *First Congress on Advanced Electromagnetic Materials and Metamaterials in Microwaves and Optics – Metamaterials 2007* (Rome, Italy, October 2007) and served as the Chairman of the Steering Committee of the same conference for the period 2008-2014. Dr. Bilotti served also as a member of the Technical Program, the Steering Committee, and the Organizing Committee of several national and international conferences, as organizer and chairman of special sessions focused on the applications of metamaterials at microwave and optical frequencies, as an Associate Editor of the journals *IEEE Transactions on Antennas and Propagation* and *Metamaterials*, as a member of the Editorial Board of the *International Journal on RF and Microwave Computer-Aided Engineering*, *Scientific Reports – Nature*, and *EPJ Applied Metamaterials*, and as a Technical Reviewer of the major international journals related to electromagnetic field theory and metamaterials. From 2007 to 2013, Filiberto Bilotti was a member of the Board of Directors of the *Virtual Institute for Artificial Electromagnetic Materials and Metamaterials* (the European Society on Metamaterials) and has been recently elected as the President of the same society for the period 2013-2016. He is a Senior Member of the IEEE and a Member of the Optical Society of America. Dr. Bilotti has been the recipient of the Raj Mittra Travel Grant Senior Researcher Award in 2007.