


Name, Surname	Dr. Amerigo Capria				
Position	Head of research	Title	Ph.D.	Gender	M
Short Bio	<p>Amerigo Capria was born in Pisa, Italy in June 1977. He received the Italian Laurea degree (M.S.) in Telecommunication Engineering in March 2004 from the University of Pisa, Italy. From May 2004 to December 2004 he was a post-graduate research assistant for the National Interuniversity Consortium for Telecommunications (CNIT) at the Department of Information Engineering - University of Pisa. In 2007 he has been a Ph.D. visiting student at the Department of Electrical and Electronic Engineering of the University of Adelaide (Australia). In March 2008 he received the Ph.D. in Remote Sensing at the University of Pisa. At the same time, he became a post-doc researcher at the Department of Information Engineering of the University of Pisa until April 2009 when he became a CNIT researcher under contract. In April 2012 he became a CNIT permanent researcher at the RaSS (Radar and Surveillance Systems) National Laboratory in Pisa. From January 2017 he is a CNIT head of research at the RaSS Lab.</p> <p>His major research interests are in the field of passive radar systems, HF-OTH radars, array processing, neural network applications in target classification, synthetic range profile reconstruction, weather radars signal processing, sea surface fractal modelling for environmental monitoring applications, space debris detection and design of fully digital radar based on photonic technologies.</p> <p>In 2018 he has acted as project coordinator for CNIT in the NATO AFSC Small Scale Study Project 4 on “Spectrum Requirements and Management” (AFSC SSS-SR&M), for which he has received a letter of appreciation signed by the NATO Chief Scientist Dr. Thomas H. Killion. Since 2004 he has been involved as a researcher in several projects funded by Italian ministries (e.g.: MoD, Ministry of Economic Development) and European organizations (e.g.: EU Commission, EDA, ESA, NATO). The research activities and the international collaborations developed in the framework of these projects have led to the publication of numerous scientific papers. He is co-founder of a radar systems-related spin-off company, namely ECHOES S.r.l. He is a co-author of more than 70 papers and three book chapters.</p>				