

Giuseppe Valerio Bianco received the Laurea degree in “Chemistry” (2006) from the Chemistry Department of Bari University (Italy), with full marks (110/110) cum laude, and Ph.D. in “Innovative Materials Chemistry” from the Bari University (2010). He has been a research fellow at the Institute of Microelectronics and Microsystems (CNR-IMM, Lecce Unit) for two years (2010-2012), and at the Institute of Inorganic Methodologies and Plasmas (CNR-IMIP, Bari Unit) for three years (2012-2015). Since May, 2015 he has a research fellow at National Research Council (CNR), Institute of Nanotechnology (CNR-NANOTEC), Bari, Italy.

His main scientific activities and expertise, attested by 40 publications on international journals, 15 conference proceedings and more than 50 conference abstracts, include: (1) CVD, plasma enhanced-CVD and PVD methodologies for the synthesis of 1D (semiconductor nanowires), 2D (graphene), and 3D (metal nanoparticles) nanostructured materials; (2) wet and plasma-chemistries for the treatments of materials and nanomaterials; (3) characterization of optical, structural and transport properties of materials and nanomaterials.