

Dr. Daniele Varsano graduated in Physics at "La Sapienza" in Rome and obtained his PhD at the University of Basque Country (Spain) in 2006 under the supervision of Prof. Angel Rubio. After post-doctoral period at S3 center in Modena, and a fixed term research position at the University of Rome "La Sapienza", since 2013 he is permanent researcher at the CNR Institute of Nanoscience. Member of the European Theoretical Spectroscopy Facility, and of the European Center of Excellence MaX (Materials at Exascale), he is an expert in the most modern theories and computational tools of ab initio electronic structure calculations (density functional theory, TDDFT and many-body perturbation theory methods). Current research focuses on atomistic modeling of photoactive biomolecules, nanostructures (graphene, nanotubes), photovoltaic and photocatalytic materials with particular interest on excited states properties and exciton instabilities. He is among the developers of the Yambo code and co-organizer of several international conferences and schools. He is author of 45 articles in international peer-reviewed journals.