

Giovanni Bertoni obtained his PhD. in Physics at the University of Milan (Italy) in 2003, with a thesis on carbon nanostructured films, studied by microscopy and spectroscopy techniques. G.B. started establishing his expertise in transmission electron microscopy, by performing Post-Docs in EU institutes with strong and consolidated knowledge in the field, as the CEMES-CNRS Institute in Toulouse (France), and the EMAT Department of the University of Antwerp (Belgium), where G.B. focused on electron energy loss in the transmission microscope (EELS), and in particular on establishing reliable quantification techniques of the spectra. In 2008 G.B. was employed as young scientist by the Italian Institute of Technology (IIT) in Genova (Italy) to set up an Electron Microscopy Lab. devoted to the characterization of colloidal nanostructures, and comprising the first UHRTEM microscope equipped with an image corrector in Italy,. From 2011 G.B. is a staff researcher at the IMEM-CNR Institute in Parma (Italy). G.B. is author/coauthor of about 100 articles in international peer-review journals (*h*-index: 29 ISI/Scopus).