

**Giancarlo Rizza** is a researcher at the French Commission for Atomic Energy and Alternative Energies (CEA). He collaborates with several groups worldwide on various topics including: nanocomposites, nanostructuration with ion-beams, 4D printing of functional materials, photo-polymerization, plasmonics, and nano-optics. He has been the founder and till 2019 the head of the Interdisciplinary Microscopy Centre at the Ecole polytechnique (CimeX). He was the PI of the Nan'EAU project, one of the strategic projects of the Paris-Saclay University and he was involved in the Equipment of Excellence (EquipeX) project TEMPOS (Transmission Electron Microscopy at Orsay Palaiseau Saclay). He is member of the steering committee of the international conference "Radiation Effects in Insulators" (REI), of the National Research Group (GdR) NACRE (Nanocrystals in Dielectrics for Electronics and Optics) and of the "Chaire Arts&Sciences" of the Carasso Foundation-Ecole polytechnique. He collaborated with the International Agency for Atomic Energy (IAEA) within the framework of Coordinated Research Projects (CRP).