

Luca Tortora is a tenure-track Assistant Professor in General and Inorganic Chemistry at the Department of Science of Roma Tre University, Research Coordinator at INFN, and Associated Researcher at CNR-IMM Tor Vergata. He is Director of the inter-institutional laboratory LASR3 (Surface Laboratory Roma Tre) and group leader of SMAC " Surface modification and characterization" group at Roma Tre University. Luca Tortora is also representative member of INFN in E-RIHS (European Research Infrastructure for Heritage Science) and DTC Lazio-Centre of Excellence (Lazio Technological District for Cultural Heritage) Research Infrastructure administration board. He joined Roma Tre University in 2011 from the Department of Chemistry of Roma Tor Vergata University where he worked on the synthesis and characterization of metal complexes of pyrrolic macrocycles and their application for chemical sensing technologies. Since 2011, at Roma Tre University and INFN he is actively involved in investigating surface/interface reactions through experimental (ToF-SIMS, XPS, FT-IR, AFM, SEM-EDS, XRD, XRF, PL) and theoretical approaches (DFT). More recently, in his group different approaches for the synthesis of metal oxides and semiconductor nanocrystals are developed for application in technological, environmental, and cultural heritage field. Luca Tortora is member of the Italian Chemical Society (SCI) and American Chemical Society (ACS). He is also co-author of more than 100 peer-reviewed papers (+1500 citations; h-index = 23) and has given over 50 talks as invited speaker in national and international conferences. LT is reviewer for several journals in the field of Material Chemistry and member of editorial committee of indexed journals.