

Andrea Liscio is a Researcher at the Italian National Research Council (actually at CNR-IMM) in Rome since December 2016 (best candidate in the National public competition "Strategic field Advanced Materials: advanced characterization techniques and modelling"). He received his B.S. degree in Physics from Roma TRE University (2000) and a Ph.D. in Physics (2004) where he studied the electronic properties of surfaces and interfaces with coincidence electronic spectroscopies (e,2e) and X-ray Photoemission Spectroscopy (XPS). After Ph.D he moved to CNR-ISOF in Bologna where he focused his scientific explorations on the quantitative analysis of nanoscaled organic materials, graphene-based materials, polymers and self-assembled supramolecular architectures focusing on the correlation between the morphology and the electronic properties. In particular, he devised a quantitative approach to exploit advanced Scanning Probe Microscopies (SPMs) to investigate the energetics of semiconducting nanostructures, as well as to provide direct evidence on dynamic electronic processes occurring on nanostructured materials. Author of more than 80 research articles in high-level, international, peer-reviewed journals and reviews, within 2011-2013 he supported his scientific research carrying out management activities of 2 European Projects dedicated on graphene.

He is currently managing the CNR activities for SPM and electronic spectroscopies within the 10 years European Project "FLAGSHIP GRAPHENE – Graphene-Based Revolutions in ICT And Beyond" and ISWITCH-ITN dedicated on the fabrication and characterization of switchable devices. Topics of interest include:

- Graphene-based materials,
- Architecture vs. function relationship in complex 2D/3D materials,
- SPMs beyond imaging,
- Electronic properties of surfaces and Interfaces systems.

He is currently enrolled at University of Roma 1 "La Sapienza", Department of History Cultures Religions.