

Maria Letizia Terranova

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Full professor of Chemistry at Tor Vergata University, Rome (Italy) , Head of “Minimalab “ (www.minimalab.it) , Senior Scientist of NANOSHARE Srl (www.nano-share.eu) . Member of the scientific board of the Doctorate in “Chemical Sciences” .

Extensive expertise in several scientific areas, including nuclear chemistry , laser-induced reactions in gas phase, solid-phase reactions, ion- and laser-induced modifications in solids, chemical vapour deposition processes, electrochemical processes . Over 25 years experience in the field of carbon materials . The research activity is focused on synthesis, post-synthesis treatments, chemical-physical processing and functional characterizations of carbon-based materials (nanodiamonds , nanographites, graphenes, nanotubes, onion-like carbons , nanoparticles) and hybrid nanostructures obtained by coupling nanocarbons to polymers , metals or semiconductor nanoparticles. Specifically designed materials are used in several nanotechnological fields (sub-micro- and nano-electronics, optoelectronics, energetics , sensing) and for bio-related applications (imaging, drug delivery).

Coordinator of national researches (ASI, INFN, CNR, ENEA ,MIUR, MISE, MAE) , in charge investigator of EU projects and project manager of several contract with FINMECCANICA on production and applications of nanomaterials . Member of the Editorial Board of scientific journals in the field of materials and of nanotechnology , project reviewer for National and European Institutions and Agencies . Author of 280 papers , of 4 patents , editor of 4 books and guest editor of special issues related to nanomaterials and nanotechnology .

Didattica 2013-2014

Chimica Generale ed Inorganica I (LT in Chimica Applicata)

Laboratorio di Chimica dei Solidi (LT in Scienza dei Materiali)

Materiali nanostrutturati (LM in Scienza e Tecnologia dei Materiali)

Sito web personale : www.minimalab.it