



16th International Conference on Surfaces,
Coatings and Nanostructured Materials
www.nanosmat.org/special.html

SHORT BIO:

Biosketch:

Education: PhD in Chemical Sciences (2004), University of Pisa. Master degree in Chemistry, University of Pisa (2001).

Work Experience: Senior Researcher at ICCOM-CNR, Pisa, Italy (since Jan 2023). Researcher at ICCOM-CNR, Pisa, Italy (2019-2022). Researcher at ISTM-CNR, Milano, Italy (2011-2019). Post-Doc fellow at Department of Chemistry and Industrial Chemistry, University of Pisa, Pisa (Italy) (2005-2011).

Research interests: Heterogeneous catalysis. Synthesis of nanostructured metal catalysts. Advanced characterization of nanostructured materials by electron microscopy techniques. Development of sustainable catalytic processes starting from secondary raw materials to high added value products, both in batch and in continuous flow reaction conditions. Green hydrogen production.

Management: Scientific responsible or WP leader of national and international research projects; among the most recent ones: «Development of materials and catalytic processes for biogas reforming to hydrogen», European Union—NextGeneration EU through the Italian Ministry of Environment and Energy Security POR H2 AdP MMES/ENEA; «Hybrid Porous Materials for Eco-sustainable Catalytic Organic Processes», MIUR PRIN 2022; MSCA-ITN BIKE: «Bimetallic catalyst knowledge-based development for energy applications», UE - Horizon 2020.

Bibliometric data: 137 ISI articles, 3 patents, 6 book chapters, more than 90 contributions to conferences as poster and oral communications. Sum of time cited: 2980; h-index: 31.