

## CV of Liberato Manna

**Short Bio:** Liberato Manna (born December 5<sup>th</sup> 1971) received his Ph.D. in Chemistry in 2001 from the University of Bari (Italy) and worked at U.C. Berkeley (USA) as a visiting student and then at the Lawrence Berkeley National Laboratory (USA) as a Postdoc until 2003. He was then scientist at the National Nanotechnology Lab in Lecce (Italy), and then moved to the Istituto Italiano di Tecnologia (IIT), Genova (Italy), in 2009 as head of the Nanochemistry Department. From 2010 to 2021 he was part-time Professor at TU Delft (The Netherlands) and from 2015 to 2022 he was Associate Director of IIT for the Materials and Nanotechnologies Domain. He is currently Associate Editor of Nano Letters (American Chemical Society). His research interests include the synthesis and assembly of colloidal nanocrystals, the study of structural, chemical, and surface transformations in nanoscale materials, and their applications in energy, photonics, and electronics. He teaches Theoretical Chemistry (undergraduate course) and Electronic Structure of Solids (graduate course) at the University of Genova.



### Professional Preparation

Ph.D. in Chemistry, University of Bari, Italy, 2001

M.S. in Chemistry, with Honours, University of Bari, Italy, 1996

### Research Interests

Synthesis and assembly of nanoscale materials, study of structural, chemical and surface transformations in nanoscale materials, modelling and related applications in energy-related areas, photonics and electronics.

### Areas of Expertise

Functional Inorganic Materials and Devices, Functional Nanostructured Materials, Surfaces, Interfaces, and Applications

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### Appointments

2022-current: Associate Editor – Nano Letters (American Chemical Society)  
2016-current: Professor of Theoretical Chemistry, University of Genova (Italy), part-time position  
2009-current: Head of the Nanochemistry Department at the Italian Institute of Technology in Genova (Italy)  
2015-2022: Associate Director for the Materials and Nanotechnologies Research Domain, the Italian Institute of Technology in Genova (Italy)  
2018-2022: Associate Editor – Nanoscale and Nanoscale Advances  
2010-2021: Professor of Quantum Nanoscience, Kavli Institute of Nanoscience, Delft University of Technology (The Netherlands), part-time position  
2003- 2009: Head of the Chemistry Group at the National Nanotechnology Lab in Lecce (Italy)  
2003: Visiting Scientist at the Center for Nanoscience, Munich (Germany)  
2001-2003: Postdoctoral Fellow, University of California, Berkeley  
1999-2000: Visiting student, University of California, Berkeley