

Maria Lucia PROTOPAPA – CV

Maria Lucia Protopapa took the Laurea degree in Physics (1997, score: 110/110 cum laude), and the Ph.D. in Physics (2000, XIII Ciclo, mark: Excellent) at the University of Lecce (now University of Salento). After a PostDoc position at LETI CEA in Grenoble, where she worked on design and realisation of optical components, she obtained in 2001 a permanent position as researcher at the Brindisi ENEA Research Center. Since then, she has been working on the synthesis and characterization of new materials with innovative properties, suitable for applications in the fields of clean energy production (photovoltaic technology), as well as optics and opto-electronics. She is an expert in optical spectroscopy techniques (Raman, FTIR, UV-VIS-NIR and photoluminescence spectroscopy) as well as in the design and production of optical components. From 2010 to 2013 she was the Scientific Responsible of the ENEA Brindisi ILO (Industrial Liaison) Office, which is the Office of Technology Transfer of the Brindisi ENEA Research Center, dedicated to identifying the research activities with potential commercial interest and the best strategies to exploit scientific results. She has been involved in the EIT RawMaterials Hub - Regional Center Southern Italy as Education Manager and active Proposer since 2019. Her 20-year professional career has been focused on R&D management activities of national and international projects devoted to advanced materials in multi-disciplinary partnership. She serves as referee for several scientific international journals and she is author and co-author of more than 50 scientific papers. At present M.L. Protopapa coordinates for ENEA the several projects concerning the development of high specific capacity anodes for Li-ion batteries by using as anodic material the silicon powder recovered from end-of-life photovoltaic panels.