

Daniele MIRABILE GATTIA - CV

Daniele Mirabile Gattia. PhD in Materials for Energy and Environment. His research activities at ENEA are mainly focused on the synthesis and characterization of materials, in particular on X-ray diffraction analysis and Electron microscopy. He is involved on activities, which considers the synthesis, in particular by mechanical alloying, and microstructural characterization of materials for sustainability, energy, nuclear and cultural heritage sectors. He has been working on hydrogen storage materials for many years, in particular on hydrides both at low and high temperature. Current research interests include materials for additive manufacturing, as metal alloys, and applications in energy sector. Project Manager of the "Frontier Materials for Energy applications" project, funded by Italian Ministry, mainly focused on thermo- and pyroelectric materials and microgenerators and on materials and components realized by additive manufacturing. He is author of chapters in books, papers published on peer reviewed international journals and co-inventor of 2 patents. Invited speaker to National and International Congresses. Reviewer for International Journals, European and Italian Institutions. Teacher in schools on Electron Microscopy. Member of SISM (Italian Society for Microscopical Sciences). Member of scientific and organizing committees in international conferences on materials.