Luisa De Marco received in 2010 her PhD in Nanoscience from National Nanotechnology Laboratory (NNL), University of Salento (Italy). In the period 2010 - 2016 she joined the Italian Institute of Technology, working on nanostructured semiconductors for photovoltaics. Since 2016 she is researcher at CNR NANOTEC leading a team of young researchers working on the development of low-dimensional inorganic and hybrid nanomaterials for optoelectronic applications. She is author of more than 60 papers that collectively have received more than 2200 citations, with an h-index of 27. Among her publications stand out Advanced Materials, Nature Nanotechnology, Energy & Environmental Science, ACS Nano, and Science Advances. Her research interests include the design, fabrication, and characterization of hybrid photoelectrochemical devices and the engineering of nanomaterials having specifically tailored functional properties.