

Irene BONADIES CV

Full time Researcher at Institute for Polymers, Composites and Biomaterials of National Council of research of Italy (IPCB-CNR). In 2006 she graduated in Materials Engineering and in 2009 she completed her PhD in Materials Engineering and Processing at University of Napoli Federico II.

She is Scientific responsible of Electrospinning Laboratory at IPCB Pozzuoli, of educational visits at laboratories and social media communication. Her scientific productivity comprises more than 30 publications in scientific journals, edited volumes and specialized magazines, presentations at academic conferences.

Research activities focus on nano-fabrication technique (electrospinning) for the design and production of micro-nano sized vectors and 3D structures for biomedical and environmental applications; multiphase polymer systems - composite and nanocomposite with improved physical/mechanical properties; functionalization of polymers and inorganic particles via chemical and mechano-chemical processes; design and production of functional textiles (i.e.: anti-UV, anti-microbial, thermoregulating); polymers processing; Structure Analysis and Characterization of materials.