

Prof Mirella Di Lorenzo graduated in chemical engineering from the Federico II University of Napoli (Italy) in 2003. Here, and at the Ernst-Moritz-Arndt University of Greifswald, she went on to gain a PhD in Industrial Biotechnology. Mirella has subsequently worked in research and post-doc positions at Newcastle University and the National Nanotechnology Laboratory of Lecce before joining the University of Bath as a Lecturer in July 2011. She is currently the Associate Dean International for the Faculty of Engineering and Design and co-director of the research center on Bioengineering and Biomedical Technologies (CBio). Mirella's interdisciplinary expertise lies at the interface of bioelectrochemistry, microengineering, microfluidics, sensing technology and material science. Her research focuses on the development of innovative bioelectrochemical systems for either energy harvesting, water and soil quality monitoring, environmental bioremediation or healthcare applications. Particular attention is given to low-cost designs that can lead to devices affordable everywhere in the world and to an end-user oriented approach, via participatory design, to ensure bottom-up perspectives in her research. She is the Chief Scientific Adviser and co-founder of Bactery a University of Bath spin-off company that focuses on the generation of clean bioenergy from soil.