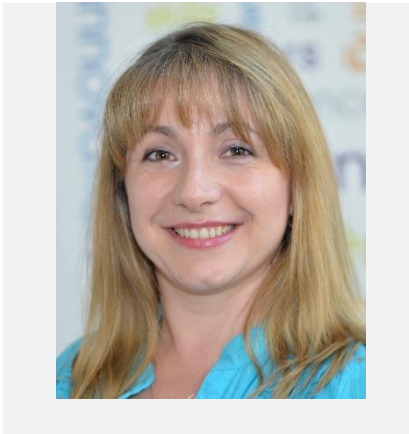




Manufacturing 2075

Thursday 3 December



Dr Iva Chianella

Lecturer in Advanced Functional Polymers,
Cranfield University

Dr Iva Chianella is currently a Lecturer in Advanced Functional Polymers within the School of Aerospace, Transport and Manufacturing in the Surface Engineering and Precision Institute (SEPI) at Cranfield University. After receiving her first degree in Chemistry from the University of Florence in 1998, in 2003 Dr Chianella obtained her PhD in Bioscience, from Cranfield University.

Dr Chianella is an experienced scientist with a strong track record in research (50 peer reviewed papers, 7 book chapters and 4 patents) in the area of diagnostics and on novel polymeric materials and their use in several analytical systems. Dr Chianella's main research interests are development of chemical and biochemical sensors/nano-sensors for clinical, environmental, safety and industrial applications, as well as synthesis of novel polymeric nanomaterials (e.g. Molecularly Imprinted Polymers Nanoparticles) for sensors, assays and samples separation and purification.