

Valentina Preziosi – CV

Valentina Preziosi graduated in Chemical Engineering from the University of Napoli Federico II in 2007 and obtained her PhD in Industrial Biotechnological Sciences in 2012. She is currently an Assistant Professor at the Department of Chemical, Materials and Production Engineering at the University of Napoli Federico II. She teaches Thermodynamics in the Bachelor's programs in Chemical and Biomedical Engineering, and Interfacial Engineering in the Master's program in Chemical Engineering. Her research is interdisciplinary, combining expertise in engineering, physics, medical, and biological sciences. It focuses on the study of complex fluid transport phenomena in microfluidic systems, with particular emphasis on the rheological properties of biological fluids. Her work also involves the integration of microfluidic devices with organic electrochemical transistors for real-time sensing and monitoring of biomarkers associated with pathological conditions.