



Dr. Daniele Martella, born in 1986, is an Assistant Professor of Industrial Chemistry at the Department of Chemistry “Ugo Schiff” (University of Florence) and associate researcher of the European Laboratory for Non Linear Spectroscopy (in Florence, Italy).

Dr. Martella received his Ph.D. in Chemical Science at the University of Florence with a work on the synthesis and application of liquid crystalline polymers. His research activity is mainly focused on the preparation photoresponsive liquid crystalline networks and other smart materials and their application in microrobotics, photonics and tissue engineering.

In 2017, he received the “Primo Levi” prize from the Italian Society of Chemistry (Young section) for his work on the development of autonomous microrobots based on photonic materials.

He is authors of 45 research papers (h index 24) and 9 proceeding of international conferences.

At the moment, Dr. Martella is the coordinator of the national project WATERONIC (related to the development of smectic membranes for the adsorption of emerging organic pollutant form water and their photocatalytic degradation).