Paola Lova

Fixed-term assistant professor

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Education and training

2017
PhD
Nanyang Technological University - Singapore - SG

2012
MSc in Industrial Chemistry
University of Genova

Academic experience

2020 - ONGOING
Assistant Professor
University of Genova - Genova - IT

2019 - 2020
Postdoctoral Fellowship
University of Genova - Genova - IT

2015 - 2019
Early Stage Researcher - Marie Skłodowska-Curie Action European Training Network SYNCHRONICS
University of Genova

Language skills

Italian
Mother tongue

English
Proficient
TOEFL

Research interests

Paola Lova's research mainly focuses on polymer photonic structures for the detection of pollutant and molecular analytes in the vapor and liquid phase and on the use of similar systems to describe polymer-solvent diffusion processes, interaction properties and well as thermodynamics via simple tools as optical spectroscopy.
She is also working on the development of solution processed hybrid polymer-inorganic and all inorganic photonic structures with high dielectrc

contrast for light emission control (e.g. light harvesting enhancement, photovoltaics, light out-coupling for lightening devices, emission rate enhancement) and lasing.