

Michel ORSI



Italian



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March 11, 1994

EXPERIENCE

Maître de Conférences (Assistant Professor)

September 2026 – ongoing

National Institute of Applied Sciences of Lyon (INSA Lyon)

Polymer Materials Engineering Laboratory (IMP, UMR CNRS 5223) – SteRHEO group

Startup Co-founder & CTO

December 2025 – August 2026

NewOil Technologies S.r.l.

Research Fellow

January 2025 – August 2026

Politecnico di Torino – Department of Applied Science and Technology

Multiscale modelling for materials science and process engineering (MulMoPro) Lab

Project: *Deep Learning techniques for multiphase flows*

Principal Investigators: Daniele Marchisio, Gianluca Boccardo

Research Associate

January 2023 – December 2024

Awarded 2nd Place Excellent Speaker during the “Future of Rheology” symposium at the Annual Meeting of the Society of Rheology (2025)

The City College of New York – Grove School of Engineering

The Benjamin Levich Institute for Physico-Chemical Hydrodynamics – Jeff Morris Lab

Projects: *Rigidity development in shear-thickening dense suspensions and Rheology, direct visualization, and mechanical analysis of chocolate paste roller processing*

Principal Investigator: Jeffrey F. Morris

Supported by Mondelēz International

EDUCATION

Ph.D. in Physics

October 2019 – December 2022

Awarded by the French Group of Rheology (2022)

Awarded by the Doctoral School for Fundamental and Applied Sciences (2022)

Université Côte d’Azur – Department of Physics

Institut de Physique de Nice (CNRS) – Elisabeth Lemaire’s Group

Thesis: *Simulation of concentrated non-Brownian frictional and adhesive suspensions in linear and nonlinear flows*

Advisor: François Peters; Co-supervisor: Laurent Lobry

Research Internship (Master’s Thesis)

November 2018 – April 2019

École Centrale de Lyon – Department of Fluid Mechanics, Acoustics and Energy

Fluid Mechanics and Acoustics Laboratory (CNRS)

Project: *Passive scalar dispersion and mixing in homogeneous isotropic turbulence*

Supervisors: Pietro Salizzoni, Raffaele Marino, Maurizio Boffadossi

Master’s Degree in Aeronautical Engineering

October 2016 – July 2019

Bachelor’s Degree in Aerospace Engineering

September 2013 – September 2016

Politecnico di Milano