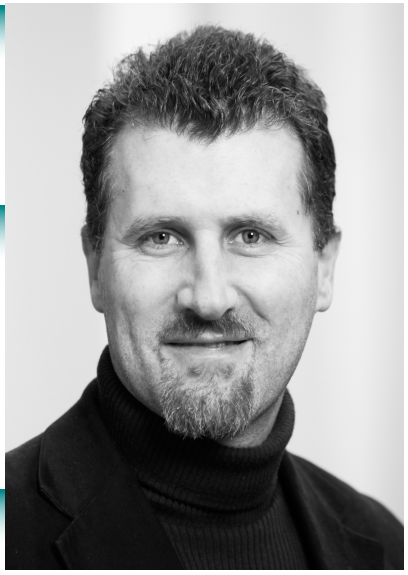
BIOGRAPHICAL DATA

Raffaele Mezzenga



EDUCATION

2001: *PhD Polymer Physics (field); Materials Science (domain)*,
Swiss Federal Institute of Technology (EPFL), Lausanne, Switzerland

1997: *MSc (cum Laude) in Material Science*, Perugia University, Italy

POSITIONS HELD DURING PROFESSIONAL CAREER

2009-current **Full Professor in Food & Soft Materials, ETH Zurich**

Affiliated Professor of the Materials Department, ETH Zurich

Executive Board Member of Polymers, Colloids & Interfaces Division
(Swiss Chemical Society)

2005-2009 University of Fribourg & Nestlé Research Center, Switzerland

Associate Professor in Physics

Templating nanostructured and mesostructured soft materials.
Study of liquid crystalline self-assembled food mesophases.
Supramolecular approaches for structured complex materials.
Food Emulsions, Multiple Emulsions, Oil Gels & Oil Powders.
Rheology of foods.

2003-2004 Nestlé Research Center, Lausanne, Switzerland

Senior Scientist in Polymers and Colloids Physics

Colloidal Science, emulsions, polymers science and technology.
Theoretical predictions of self-assembled mesophases by
self-consistent field theory (SCFT).
Design of double emulsions by osmotic pressure tailoring.

2001- 2002 University of California (UCSB), Santa Barbara, CA, USA

Postdoctoral Fellow at the Material Research Laboratory
Self-assembly of colloids, polymers and block copolymers.
Non-equilibrium and equilibrium design of polymeric emulsions.
Semiconductive polymer blends.

1997- 2001 Swiss Federal Institute of Technology (EPFL), Lausanne, Switzerland

Research Assistant at the Composites and Polymers Technology Laboratory
Thermodynamics and toughness control in reactive polymer blends.

Experimental and theoretical investigation of phase separation processes in polymer blends.

1995- 1997 — European Center for Nuclear Research (**CERN**), Geneva, Switzerland & **NASA**, Houston, USA

Research Assistant in the Alpha Magnetic Spectrometer project
(AMS, Shuttle Discovery mission STS91, June 1998).
Space characterization of polymer-based composite materials and design of new smart composite structures for the core of the AMS spectrometer.

AWARDS & HONORS

2024	Visiting Professor University of La Sapienza, Rome, Italy
2023	Highly Cited Researcher (top 0.1%) in *Cross-Field* discipline - Clarivate™
2022	Highly Ranked Scholar - Lifetime (top 0.05%) in *Soft Matter* - ScholarGPS
2022	Highly Ranked Scholar - Lifetime (top 0.05%) in *Allied Health* - ScholarGPS
2022	Highly Ranked Scholar – *All Fields of Scholarly Endeavor* (top 0.05%) ScholarGPS
2022	Highly Cited Author (top 1%) in Royal Society of Chemistry (RSC) publications
2022	Highly Cited Author (top 1%) in Royal Society of Chemistry (RSC) publications
2021	Highly Cited Author (top 1%) in Royal Society of Chemistry (RSC) journals in 2020
2020	Visiting Professor University of Cagliari, Italy
2019	*Spark Award* for the best invention of the year (ETH)
2019-2022	Visiting Professor NTU Singapore
2017	Elected Fellow of the American Physical Society
2016	Visiting Professor RMIT Melbourne, Australia
2016	Visiting Professor Monash University, Melbourne, Australia
2013	Biomacromolecules/Macromolecules Young Investigator Award (American Chemical Society)
2011	John H. Dillon Medal (American Physical Society)
2011	Young Scientist Research Award (American Oil Chemist Society)
2008-2010	Visiting Professor Helsinki University of Technology (now Aalto University).
2005	Distinguished Nestlé Research Scientist
2004	Swiss National Science Foundation "*Professeur Boursier*"
1998	"*Claudio Ratini Award*", Best Master Thesis (University of Perugia)
1996-1998	Massachusetts Institute of Technology (MIT) Distinguished Fellowship

JOURNAL EDITORIAL TASKS

Frontiers in Soft Matter (Editor in Chief, since 2021)
Polymer International (Executive and Associated Editor: 2010 - 2016)
Journal of Physics: Condensed Matter (Board Member: 2013 - 2014)
Food Biophysics (Associated Editor, Special Issue 2008)
Food Hydrocolloids (Associated Editor, Special Issue 2007)
Trends in Food Science (Associated Editor, Special Issue 2006)