## Raffaele Mezzenga

## ACADEMICAL AND INDUSTRIAL RESEARCH EXPERIENCE

2009 - presently:	ETH Zurich, Switzerland
	Full Professor in Food & Soft Materials Science
2005-2009	University of Fribourg and Nestlé Research Center, Switzerland
	Associate Professor in Physics Executive Board of Fribourg Center for Nanomaterials (FRIMAT) Senior Research Scientist – Nestlé Research Center
	<u>Research</u> : Templating nanostructured and mesostructured functional materials via self-assembly of polymeric colloidal systems
2003-2005	Nestlé Research Center, Lausanne, Switzerland.
	Senior Scientist in Polymers and Colloids.
	$\frac{\text{Research:}}{\text{crystals}} \ \text{High internal phase emulsions, double emulsions, lyotropic liquid}$
2001- 2002	University of California (UCSB), Santa Barbara, CA, USA
	Postdoctoral Fellow at the Material Research Laboratory
	<u>Research:</u> Self-assembly of colloidal polymeric systems for optoelectronic applications.
1997- 2001	Swiss Federal Institute of Technology (EPFL), Lausanne, Switzerland
	Research Assistant at the Composites & Polymers Laboratory
	$\underline{Research} : thermodynamics, phase separation \& morphologies development in thermoset-reactive modifier polymer blends.$
1996- 1997	European Center for Nuclear Research (CERN), Geneva, Switzerland
	Research Assistant in the Alpha Magnetic Spectrometer collaboration
	<u>Research</u> : design of polymer-based structures for antiparticles detectors (AMS phase 2: Orbitant Space Station ISSA)
<u> 1995- 1996</u>	NASA, Houston, USA & CERN, Geneva, Switzerland
	Visiting Scientist in the Alpha Magnetic Spectrometer collaboration
	Research: design of polymer-based structures for antiparticles detectors (AMS phase 1: Shuttle Discovery mission STS91, June 1998).
EDUCATION	
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2001	Swiss Federal Institute of Technology, Lausanne, Switzerland
	Ph.D. in Polymer Physics/Materials Science (with Honors) Thesis title: Hyperbranched Polymers as Modifiers for Themoset Resins
1997	Perugia University, Italy & CERN, Geneva, Switzerland
	M.S. Degree in Materials Science & Engineering (Summa cum Laude) Thesis title: Design and Characterization of Polymer Composite Structures for Space Applications

## **AWARDS & HONORS**

Biomacromolecules/Macromolecules	es Young investigator Award (American Chemical Society)
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John H. Dillon Medal (American Physical Society)

2011 Young Scientist Research Award (AOCS)

2007-presently Board Member of the Polymer & Colloids Division of the Swiss Chemical Society

2007-2010 Visiting Professor – Applied Physics Department - Helsinki University of Technology

Founding Member of FRIMAT Center for Nanomaterials, Fribourg

June 2004 Swiss Science National Foundation "Professeur Boursier" Award

March 1998 "Claudio Ratini" Award - University of Perugia

1996-1998 Visiting Scientist - Physics Department - Massachusetts Institute of Technology (MIT)

## JOURNAL EDITORIAL BOARDS

**Polymer International** (Executive and Associated Editor: 2010 - presently)

Food Biophysics (Associated Editor, Special Issue 2008)

Food Hydrocolloids (Associated Editor, Special Issue 2007)

Trends in Food Science (Associated Editor, Special Issue 2006)