

PERSONAL INFORMATION


Marcello Campione



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Sex Male | Date of birth 15/09/1977 | Nationality Italian

CURRENT POSITION

Associate Professor in Experimental Physics of Matter,  
Department of Earth and Environmental Sciences,  
Università degli Studi di Milano - Bicocca

WORK EXPERIENCE

2008 - 2017 **Assistant Professor in Experimental Physics of Matter**  
Department of Earth and Environmental Sciences, Università degli Studi di Milano - Bicocca

2006 - 2008 **Post-Doctoral Fellow in Physical Sciences**  
Department of Materials Science, Università degli Studi di Milano - Bicocca  
▪ PI of a 3-years projected funded by Fondazione Cariplo

2005 **Research Fellowship**  
Institut für Festkörperphysik – Technical University, Graz, Austria.  
▪ Structural characterisation of organic thin films by X-ray diffraction and textural analysis. Executive Program of Scientific and Technological Collaboration Italy/Austria, Project n. 15/2004.

2002 **Research Fellowship**  
Institute “Charles Sadron” – CNRS Strasbourg, France  
▪ Structural characterisation of organic thin films by transmission electron microscopy. EEC Eurofet n. HPRN-CT2002-0323.

EDUCATION AND TRAINING

2002 - 2004 **PhD Materials Science: Nanostructured Materials** EQF level 8  
Department of Materials Science, Università degli Studi di Milano - Bicocca  
▪ Project title: Growth processes of molecular organic thin films

1997 - 2001 **M.Sc. Materials Science** EQF level 7  
Università degli Studi di Milano - Bicocca

PERSONAL SKILLS

Mother tongue Italian

Other language	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	C1	C1	C2

**Organisational / managerial skills**

- leadership (Principal Investigator for a research project involving a team of 7 people)
- management (Member of the Scientific Committee of international schools, Member of editorial advisory boards)

**Job-related skills**

- good command of Technology Transfer operations, Industrial Research, and R&D sector in industries (scientific supervision of feasibility studies, consulting, and commissioned researches for SMEs)

ADDITIONAL INFORMATION

**Publications** Total number of publications on ISI journals: 112, H-index: 24; Times cited: 1686 (font: SCOPUS, ORCID 0000-0001-5627-6186)

**Presentations** Total number of contributions to conferences: 68. Oral presentations at international congresses relevant to the Project:

- Campione, M. (2017). Friction from the Standpoint of Single Atoms: How Nanoscale Mineral Topography Drives Macroscale Seismicity. **Keynote-talk** at Goldschmidt2017, August 13-18, Paris (France).
- Campione, M. (2018) Mantle mineral microcavities filled with aqueous fluids: HPHT reactors producing unexpected mineral assemblages. **Invited-talk** at European Geosciences Union General Assembly 2018, Wien (Austria).
- Campione, M., Malaspina, N., Oglialoro, E., & Frezzotti, M. (2015). The Smaller the Harder: Theorization of a Threshold Size below which Fluid Inclusions do not Decrepitate. In The Sorby Conference on Fluid and Melt Inclusions - ECROFI XXIII, Leeds (UK)
- “Probing the properties of the surface of organic crystals: from epitaxy to nanotribology” **Invited seminar** at Institute of solid State Physics, “Friedrich-Schiller-University Jena”, January 21<sup>st</sup> 2011.
- “Rubrene: palindromic aspects of structure and reactivity of a promising organic semiconductor” **Invited seminar** at the Department of Mechanics and Process Engineering, ETH-Zurich, February 19<sup>th</sup> 2013.

**Projects** Funded Project as Principal Investigator:

- Microfluidic processes for the realization of the metal/organic semiconductor electrical contact July 2008 – June 2011; CARIPLO Foundation funding (125 000 €), UNIMIB funding (25 000 €)
- Monitoring of pulsed laser ablation of carbon-bearing targets for the production of nanodiamond March 2018 – February 2020; University of Milano-Bicocca funding (25 000 €)

**Memberships**

- 2017 –: member of the European Association of Geochemistry (EAG)
- 2015 –: Member of the Italian Society of Mineralogy and Petrology (SIMP)
- 2012 –: Member of the American Geophysical Union (AGU)
- 2011 –: Member of the European Geoscience Union (EGU)
- 2002 –: Member of the Italian Society of Physics (SIF)

**Reviewing activities**

- 2017 –: Review panel member, University of Pavia, Italy
- 2016 –: Review panel member, National Science Centre, Poland
- 2016 –: Review panel member, University of Florence, Italy
- 2010–2012: Member of the Editorial Advisory Board of The Open Applied Physics Journal (Bentham)
- Peer reviewer of: Advanced Materials, Crystal Growth & Design, Journal of Physics: Condensed Matter, Surface Science, Physica Status Solidi, RSC Advance, Nanoscale, Lithos, Minerals.

**Teaching activities**

University of Milano-Bicocca, Italy:

- 2012 –: Professor of Physics – Classical Physics, Geological Sciences
- 2011–2012: Professor of Physics – Mechanics of Geomaterials, Geological Sciences
- 2009–2011: Professor of Physics – Introduction to Continuum Mechanics, Geological Sciences
- 2004–2005: Contract Lecturer – Optical Geometry Laboratory, Optics and Optometry
- 2004–2007: Contract Lecturer – Exercises of Physics I, Optics and Optometry
- 2004–2009: Contract Lecturer – Exercises of Physics II, Optics and Optometry
- 2001–2013: Contract Lecturer – Materials Physics Laboratory, Materials Science
- 2001–2002: Contract Lecturer – Physics I Laboratory, Educational Sciences

**Organization of scientific schools**

- 2017: Member of the Scientific Committee of the first Lake Como School of Advanced Studies on Carbon Forms, Paths, and Processes in the Earth, 15-20 October 2017, “Villa Grumello” Como, Italy (<http://cfpp.lakecomoschool.org/>).

**Institutional responsibilities**

University of Milano-Bicocca, Italy:

- 2014 –: Member of the Academic Committee for Orientation and Placement
- 2014 –: Faculty member of the board of trustees for the Doctorate School in Chemical, Geological, and Environmental Sciences
- 2013: Faculty member of the board of trustees for the Doctorate School in Science
- 2009–2012: Faculty member of the board of trustees for the Doctorate School in Earth Sciences
- 2011–2013: Technology Transfer delegate for the Department of Earth and Environmental Sciences