

PERSONAL INFORMATION

Roberto Cerbino



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 Skype cerbino

Sex Male | Date of birth 17/05/1975 | Nationality Italian

PERSONAL STATEMENT

I am an associate professor of Applied Physics at the University of Milan (Italy), where I teach Medical Physics at the International Medical School and for other study programs of the Faculty of Medicine. My research group, part of the Complex Fluids and Molecular Biophysics Lab, is named $\phi\omega\varsigma$ (fos), the Greek word for light. We have a broad focus on the structure, the dynamics and the working processes involving soft and biological materials. We rely on collaborations with international partners, both in academia and industry and we are always happy to make new friends!

WORK EXPERIENCE

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|-----------------------|---|
| 01/03/2015–Present | Associate professor of applied physics
University of Milan, Milano (Italy) |
| 16/05/2018–15/06/2018 | Visiting professor
Ecole Normale Supérieure, Lyon (France) |
| 01/11/2007–28/02/2015 | Researcher/Adjunct professor of applied physics
University of Milan, Milano (Italy) |
| 07/2010–08/2010 | Visiting scientist
University of Ottawa, Ottawa (Canada) |
| 01/11/2006–31/10/2007 | Marie Skłodowska-Curie Intra-European Fellow (FP6)
University of Fribourg, Fribourg (Switzerland) |
| 01/11/2004–31/10/2006 | Postdoctoral research associate
University of Milan, Milano (Italy) |

EDUCATION AND TRAINING

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| 11/2001–12/2004 | PhD in Physics, Astrophysics and Applied Physics
University of Milan, Milano (Italy)
Thesis: <i>Shadowgraphic study of convection in a colloidal suspension</i> Supervisor: Marzio GIGLIO |
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PERSONAL SKILLS

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| Mother tongue(s) | Italian |
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Foreign language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C2
Spanish	B1	B1	B1	B1	A2
German	A2	A2	A2	A2	B1
French	B1	B2	A2	A2	A1
Russian	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
 Common European Framework of Reference for Languages

Digital skills	SELF-ASSESSMENT				
	Information processing	Communication	Content creation	Safety	Problem-solving
	Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

Driving licence B

ADDITIONAL INFORMATION

Current research interests

- Soft Matter (Structure, Dynamics, Rheology, Fluctuations, Instabilities)
- Biophysics (Cell motility and jamming, Internal cell dynamics and microrheology)
- Novel optical techniques (Light and X-ray Scattering, Quantitative Microscopy)
- Microgravity Experiments (ESA GRADFLEX and ESA NEUF-DIX experiments)

Publications (Apr 2019)

I have published over 60 journal articles in peer-reviewed international journals (7 invited review articles), one book, and 5 book chapters. Scopus h-index is 24. Scopus total number of citations:1483 (Source: Scopus, Last update: April 2019)

UNIQUE AUTHOR IDENTIFIERS

- Scopus ID: 6508220772 (<http://www.scopus.com/authid/detail.uri?authorId=6508220772>)
- ORCID: 0000-0003-0434-7741 (<http://orcid.org/0000-0003-0434-7741>)
- Researcher ID: A-2286-2008 (<http://www.researcherid.com/rid/A-2286-2008>)
- Google Scholar ID: 2Iq2JPIAAAAJ (<http://scholar.google.com/citations?user=2Iq2JPIAAAAJ>)

Awards and fellowships

- 2018 Top Reviewers Award for Sentinels of Science of Publons: Top 1% for Physics
- 2017 Top Reviewers Award for Sentinels of Science of Publons: Top Reviewer for the University of Milan Physics (general, Chemistry and Physics&Astronomy)
- 2016 Top Reviewers Award for Sentinels of Science of Publons: Top 10% Physics& Astronomy
- 2016 EPJ Distinguished Referee
- Marie Curie Intraeuropean Fellowship (FP6) (Nov. 2006-Oct. 2008)
- Team Achievement Award - European Space Agency, space mission FOTON M3 (2006)
- PhD Fellowship from University of Milan (2001-2004)
- PhD Fellowship from University of Insubria (2001-2004, declined)
- Young Scientist Award at the Italian Conference of the Physics of Matter (2001).

Habilitations

- Italian habilitation as full professor in Applied Physics obtained in 2017
- Italian habilitation as full professor in Physics of Matter obtained in 2018

Invited talks and lectures (Apr 2019)

- 30 invited talks for departmental seminars/colloquia/lectures (IT, DE, FR, USA, CA, CH, LU, MEX)
- 15 invited talks and 2 keynote presentations at international conferences and workshops, including one Gordon Research Conference (5-10 August 2007, New Hampshire) and one APS March Meeting (2009, Pittsburgh)
- 6 invited lectures at International Schools on Scattering in Soft Matter (Bombannes, France 2018) Quantitative Biology (Ottawa, Canada 2012), Cell Biophysics (Milano, Italy 2016), Laser Applications (Pavia, Italy 2012, Como, Italy 2011)

Organisation of scientific meetings

- 2018 Italian Soft Days, Padova, Italy (~150 participants)
- 2018 Soft Workshop, Milano, Italy (~10 participants)
- 2016 Italian Soft Days, Milano, Italy (~120 participants)
- 2014 Italian Soft Days, Roma, Italy (~130 participants)
- 2013 CECAM Int. Workshop "DNA-based self-assembly: theory, simulations and experiments", Wien, Austria (~50 participants)
- 2004 6th Int. Meeting on Thermodiffusion, Varenna, Italy (~150 participants)

Technological transfer

- cofounder of the spinoff ProXentia (development and marketing of label-free biosensors)
- consultant for industries/companies for the realisation of advanced space instrumentation, for particle sizing and for optical testing (RUAG Aerospace, LS Instruments, Klingler, P&G)

Reviewer activity (Apr 2019)

- Verified profile available at Publons: <http://publons.com/author/294787/roberto-cerbino>
- 166 reviews for 47 different journals including for instance Nature Communications, Nature Microgravity, PNAS, PRL, Scientific Reports, Soft Matter, Biophysical Journal, PRE, PLOS ONE, EPJE, New Journal of Phys., JPCM, PCCP, Langmuir, Eur. Biophys. J., AICHE J.

Institutional responsibilities (current employer only)

- 2017 - 2018: Rector's delegate for the development of innovative teaching methodologies
- 2016 - present: Steering committee of the imaging platform NOLIMITS
- 2015 - present: Direction Board of the new University Linguistic Centre
- 2015 - present: Steering Committee of the Faculty of Medicine and Surgery
- 2013 - present: University Committee for the International Medical School
- 2012 - present: Steering Committee of the BIOMETRA Department
- 2010 - 2012: Steering Committee of the Faculty of Medicine and Surgery
- 2007 - present: Faculty of Medicine and Surgery