

Europass Curriculum Vitae

Personal information

Surname / First name

Address

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Nationality

Date of birth

Marini Bettolo Marconi Umberto

Via Madonna delle Carceri, Camerino (MC), Italy

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umberto.marinibettolo@unicam.it

Italian

07.07.1952

Work experience

- 1979-1980 Department of Theoretical Chemistry, Oxford University, Oxford, UK.
- Position held Fellowship Royal Society-Accademia dei Lincei
- 1981-1983 Department of Physics, Freie University, Berlin, Germany.
- Position held Post-doc
- January-June 1983 H.H. Wills Physics Laboratory University of Bristol, UK.
- Position held Visiting scientist
- 1984-1986 H.H. Wills Physics Laboratory University of Bristol, UK.
- Position held Research fellow
- January-June 1987 University of Rio Pedras, Departamento de Fisica, Portorico, USA
- Position held Research fellow
- June-December 1987 Dept. of Chemical Engineering, Cornell University, USA
- Position held Research fellow
- January-September 1988 Dept. of Physics, University of Tor Vergata, Rome, Italy
- Position held Professore a contratto
- September 1988-March 1990 Istituto Nazionale di Fisica Nucleare (INFN), Italy
- Position held Investigator
- 1990-2000 Dept. of Physics, University of Camerino, Camerino, Italy
- Position held Lecturer
- 2000-October 2022 Dept. of Physics, University of Camerino, Camerino, Italy
- Position held Associate Professor

Education

- Maturità Classica 1971 , Liceo Classico Virgilio, Rome, Italy
- Laurea in Physics cum Laude 1972-1976, University La Sapienza, Rome, Italy

Other Academic experiences

- 2004 Visiting Scientist, RIKEN, Japan
- 2005 Visiting Professor, Universidad Autonoma de Madrid, Spain
- 2008 Visiting Professor, Universidad de las Baleares, Spain
- 2010 Visiting Professor, EPFL, Lausanne, Switzerland
- 2012 Visiting Scientist, Universidad de Barcelona, Barcelona, Spain

Personal skills and competences

MOTHER TONGUE

Italian

OTHER LANGUAGES

English (good)

Spanish (good)

French (good)

TEACHING COMPETENCES

Statistical Mechanics, Modern Physics, Mathematical Methods of Physics, Classical Mechanics, Electrodynamics, Thermodynamics, Soft Matter

Other Academic activities

Member of Scuola di Dottorato in Fisica di Camerino, supervisor of 5 Ph.D. thesis, supervisor of 10 Tesi di laurea. Member of Ph.D. committees in Madrid, Seville, Perugia, Camerino, Paris-Saclay, Rome.

Additional information

AUTHOR OF ABOUT 180 PUBLICATIONS IN INTERNATIONAL JOURNALS SUBJECT TO PEER REVIEWING

CITATIONS > 10000, H-INDEX SCHOLAR=48, I 10-INDEX 119, H-CONTEMPORARY H=31

Scientific interests

STATISTICAL MECHANICS, ACTIVE MATTER, NANOFUIDICS, GRANULAR MEDIA, PHASE TRANSITIONS IN CONFINED SYSTEMS, DENSITY FUNCTIONAL THEORIES, NONEQUILIBRIUM SYSTEMS

Journals

Referee for Physical Review E and B, Physical Review Letters, Journal of Chemical Physics, Europhysics Letters, Journal of Physics, Physics of Fluids, Physica A, Molecular Physics, Journal of Statistical Physics, Multiscale Model Simulation, Soft matter

Member of the Editorial Board of International Journal of Molecular Science.

Research Projects

PRIN (Programmi di Ricerca di Rilevante Interesse Nazionale) 1996,1997, 2001,2003,2005, 2009,2017; PAIS-INFN projects for the years 2001 and 2003 about Granular Systems.

Committees

2011-2012 member of Expert- Committee nominated by ESF (European Science Foundation) to evaluate the Programme ELIPS (European Life and Physical Science in Space) dell'ESA (European Space Agency).

Organization of Conferences

I have co-organized 3 Meetings on Statistical Mechanics at Camerino and a Workshop on Granular System in Pisa in 1998. I also coorganized the Conferenza Nazionale di Meccanica Statistica, Parma, Italy from 1993 to 1997. I have been a member of the Scientific Committee of the INFM Conference held in Fai della Paganella and in Levico Terme.

Organization of CECAM Workshop on 'Common trends between kinetic theory, dynamic density functional theory and mesoscopic methods based on effective free energy models', 2-5 October 2008.

Organization of Workshop/School "Statistical Mechanics of Active Matter" (12-14 June 2019), LAquila Gran Sasso Science institute.

Annexes

HOME PAGE

<http://tnt.phys.uniroma1.it/bettolo/chronoarticles.html>

Academic Page

<http://docenti.unicam.it/pdett.aspx?id=000580>

Researcher ID

<http://www.researcherid.com/rid/B-7123-2011>

Google Scholar page

<https://scholar.google.it/citations?user=CK9gwqwAAAAJhl=it>

Statement

Tutto quanto dichiarato in questo documento corrisponde a verità ai sensi degli articoli 46 e 47 del D.P.R. 445/2000