

Europass Curriculum Vitae

Personal information

Surname(s) / First name(s)

Address(es)

Telephone(s)

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Nationality(-ies)

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-present Dept. of Physics, University of Camerino, Camerino, Italy
- Position held 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)

ORGANISATIONAL SKILLS AND COMPETENCES

Organization of 5 international conferences

TEACHING COMPETENCES

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

FIELDS OF INTEREST

Statistical Physics, Non equilibrium phenomena, Granular Matter, Liquids

Additional information

AUTHOR OF ABOUT 125 PUBLICATIONS IN INTERNATIONAL JOURNALS SUBJECT TO PEER REVIEWING

H-INDEX=27, G-INDEX=54, H-CONTEMPORARY=15

Scientific interests

GRANULAR MEDIA, PHASE TRANSITIONS IN CONFINED SYSTEMS, DENSITY FUNCTIONAL THEORIES APPLICATION TO DYNAMIC PROPERTIES, NONEQUILIBRIUM SYSTEMS

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

Research Projects

PRIN (Programmi di Ricerca di Rilevante Interesse Nazionale) 1996,1997, 2001,2003,2005, 2009; 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 INFN Conference held in Fai della Paganella and in Levico Terme.

Annexes

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