

Enzo Marinari Curriculum Vitae (updated: April 2011)

=====

Personal data:

Born on July 7th, 1957. Italian citizen

Professional address:

Dip. Fisica, Univ. di Roma "La Sapienza", P. A. Moro 2, 00185 Roma (Italy).

Tel: +39 - 06 49 91 43 63; Fax: +39 - 06 97 25 70 50

E-mail: Enzo.Marinari@uniroma1.it WWW: <http://chimera.roma1.infn.it/ENZO>

Professional status and career:

From 11/1999 to date: Full Professor of Theoretical Physics at Sapienza University, Rome

From 2/2004 to date: Scientific Director for Physics of BIFI (Institute for Biocomputation and Physics of Complex Systems), Zaragoza, Spain, <http://bifi.unizar.es>

Full Professor at Cagliari University, 11/1994 to 11/1999

Associate Professor at Rome University "Tor Vergata", 11/1988 to 11/1994

Assistant Professor at Rome University "Tor Vergata", 11/1984 to 11/1988

Director for Physics of NPAC (Northeast Parallel Architecture Center, NY, USA) and Visiting Professor at Syracuse University, 11/1992 to 11/1994

Staff scientist at CEA Saclay, France, 11/1982 to 11/1984

Awards and recent invitations:

Awards: 2006, the "Best Poster Award" of Supercomputing 2006 (Tampa, USA) has been awarded to the poster describing the prototype of Janus, an FPGA based multiprocessor designed and realized by a group coordinated by E. Marinari, A. Tarancon (Zaragoza) and R. Tripiccion (Ferrara) to analyze numerically very complex problems; 1992, "Award for Essays" from the "Gravity Research Foundation" (USA); 1989, "Accademia dei Lincei" Prize for Best Physicist under the age of 35; 1980, Persico Fellowship from "Accademia dei Lincei"

Recent visiting (periods of one or two months): 2006-2007, invited professor at Ecole Normale Supérieure (Paris); 2003-2004, invited professor at ENS (Paris); 2001-2002 invited professor at "Paris Sud" Orsay University

Recent funding and project coordination:

2010: Dynamics Response Energetics and Epistasis of Cellular Metabolism - Funded by IIT - 0.7 ME. This project has been evaluated 98/100, first among the 37 projects selected for funding (over 234 submitted). 2003-2007 Project manager for "Message Passing" of the Integrated EEC Project "EVERGROW". Coordinator of the Rome node. 2002-2006 Coordinator of the Rome node for the Marie Curie Network STIPCO. 2003-2006 Coordinator of the Rome node for the project of the Italian Research Ministry "Very High Frequency Dynamics in Financial Markets"

Administration and organization:

2010 and 2011: member of the IUF (Institut Universitaire de France) jury for "under 40 grants" (the board assigns grants to French university professors that will drastically reduce their teaching charge during a period of 5 years). 2008-: elected member of the scientific committee of AST (Science and Technology part of Sapienza University). 2008 and 2010: member of the EEC PE2 for the evaluation of the "ERC Advanced Grants". 2007-: Director of the Graduate School in Astronomical, Chemical, Mathematical and Physical Sciences "Vito Volterra", and Head of the Physics PhD program, at Sapienza Università di Roma. He has organized a large number of meetings: among the most recent the "Parisi60" meeting (Sapienza and Lincei, 9/2008), where he was the chairperson "SPDSA 2005", Accademia dei Lincei, Rome, 9/2005; "Theory and measurement in "EVERGROW", ENS Paris, 5/2004; Les Houches 2003 (with Mezard and Parisi); "Complexity", Rome, 2002, "Glassy Physics", Accademia dei Lincei, Rome, 2002. Editor of Journal of Physics A from 1997 to 2003. He is referee for, among others, Nucl. Phys. B, Phys. Rev., Phys., Rev. Lett., JSTAT, Europhys. Lett., Europ. Phys. J., J. Phys. A, J. Stat. Phys.. He has evaluated and followed projects for the Industrial Innovation Program of the Italian Ministry for Productive Activities (MAP) and for the Excellence Program (direct calls of

exceptional professors from abroad) of the University Italian Ministry. 11/2004 member of the panel reviewing the Statistical Physics Laboratory (LPS) of Ecole Normale in Paris. From 2001 to 2004 member of the Scientific Council for Computing of CEA Saclay (France). 2002/2003: he has directed the "Consorzio Gran Sasso" (attached to INFN Laboratories). Member of the Teaching Innovation Committee (Physics Dept.).

Teaching:

Theoretical Physics, Computational Physics, courses in the PhD program; he has directed a large number of PhD and "Laurea" students. He has been member or president of a large number of boards for awarding PhD title in different European countries.

Main research interests:

Statistical Physics, Biophysics, Disordered and Complex Systems, Numerical Simulations and Algorithms, Parallel Computers

Research activity:

More than 230 scientific papers in international journals and conference proceedings. Coauthor of "Programmazione Scientifica", edited by Pearson (2006) as a textbook for undergraduate studies: the text is in the process of being translated to English for World Scientific (scheduled publication date: April 2012). Editor of a number of volumes of conference proceedings. Recent invited talks: Bardonecchia 2011, Orsay 2010, Marienham 2010, Istituto Italiano di Studi Germanici 2010, Kyoto ICSG 2010, Kyoto IW-SMI 2010, CNR Picone 2009, Montreal 2009, Cambridge 2008, Eindhoven 2008, Kyoto 2007, Caspur Summer School, 9/2006; Cambridge, Newton Institute, 1/2006; Cortona, mathematical physics, 7/2005; Milan, 1/2005; Udine, FFP6, 9/2004; ICTP, 9/2004; Tokio, 7/2004; ENS Paris, 6/2004; Zaragoza, 2/2004.

Bibliometrics, (April 14, 2011)

Total number of papers: 232

Number of papers on ISI database: 168

Number of citations from ISI database: 3953

Number of citations without self-citations from ISI database: 2823

Average number of citations per paper, from ISI database: 23.53

h-index, from ISI database: 33

(Last updated: April 14, 2011)