

CURRICULUM VITAE F.FUCITO

PERSONAL DATA

- Place and date of birth : Tagliacozzo, Italy August 16th 1957
- Citizenship : Italian
- Marital Status : Married
- Employer : Istituto Nazionale di Fisica Nucleare

CURRICULUM STUDIORUM

- Primary Studies : Scientific High School, Final Mark : 60/60, Liceo Scientifico A.Righi, Rome, 1976
- Secondary Studies : Laurea in Fisica, Final Mark : 110/110 cum laude, Università degli Studi di Roma "La Sapienza", September 21st 1980.
- Title of These Work : Computation of the Critical Indices of Percolation
- Advisor : Giorgio Parisi
- Recipient of the Della Riccia Fellowship in 1981

ACADEMIC RECORD

- October 1980-February 1981 : Visitor CERN, Geneva, Switzerland
- April 1981-May 1981 : Visitor (Collaboration with K.Wilson) Cornell University. Ithaca, New York, USA
- September 1982-September 1985 : Weingarten Fellow, California Institute of Technology, Pasadena, California, USA
- October 1985-December 1985 : Visitor CERN, Geneva, Switzerland
- October 1986-February 1987 : Lecturer Ecole Normale Supérieure, Paris, France
- September 1988-August 1990 : Fellow CERN, Geneva, Switzerland
- April 1985-April 1995 Researcher University of Rome Tor Vergata
- April 1995-April 2002 First Researcher, Istituto Nazionale di Fisica Nucleare
- April 2002- Director of Research, Istituto Nazionale di Fisica Nucleare

TEACHING RECORD

- Academic Year 86/87 and 87/88 Teaches Classical Mechanics for Undergraduates
- Academic Year 90/91 and 91/92 Teaches Group Theory for Graduate Students
- Academic Year 92/93 , 93/94 and 94/95 Teaches Theoretical Physics for Undergraduates
- Academic Year 1995 until nowadays Teaches Supersymmetry for Graduate Students
- Academic Year 2002 until nowadays Teaches Statistical Mechanics for Undergraduates

THESIS TUTORING RECORD

Undergraduate Thesis

- Maura Brunetti, Gravitational Scalar Waves from Binary Sources, Academic Year 1995/96
- C.Carpi, ADHM Construction for ALE spaces, Academic Year 1996/97
- D.Salvino, How to detect Scalar Gravitational Waves, Academic Year 1997/98
- L.Baiotti, Scalar and Tensorial Gravitational Theories and Post-Newtonian Formalism, Academic Year 1999/2000 (PhD at SISSA in 2004 now at AEI-Max Planck, Potsdam, Germany)
- G.Delfinis, SUSY Dark Matter in Cosmic Gamma Rays, Academic Year 1999/2000
- F.Biancalana, New Directions in Supersymmetric Instanton Calculus, Academic Year 2000/01
- A.Mammarella, Supersymmetry and Dark Matter, Academic Year 2007/08 (Currently PhD student at the University of Rome Tor Vergata)
- Daniel Ricci Pacifici, Decays of the Lightest Supersymmetric Particle in presence of an anomalous $U(1)$, Academic Year 2008/2009 (Currently PhD student at the University of Rome Tor Vergata)

PhD THESIS

- D.Bellisai, Topological Invariants for a String Effective Theory, Academic Year 1994/95 (now researcher at National Institute for Statistics, ISTAT)
- G.Travaglini, Instanton Calculus in SUSY Theories, Academic Year 1995/1996 (now Reader in Theoretical Physics at Queen's Mary College, London)
- A.Tanzini, Yang-Mills Theory as a Deformation of the Topological BF, Academic Year 1997/98 (now Researcher at SISSA Trieste)
- A.Lionetto, Supersymmetric Dark Matter Analysis with Gamma Rays, Academic Year 2002/03 (now Postdoc at Università di Roma Tor Vergata)
- A.Cesarini, SUSY breaking in the Standard Model, Academic Year 2002/03 (now Financial Analyst at Banca Intesa, Milan)
- M.D'Alessandro, Perturbative and Non-Perturbative Aspects of extended SUSY Theories, Academic Year 2004/05 (Researcher at ISPESL (Public Institute for Safety on the Workplace))
- M.Prisco, Extra Dimensions and Dark Matter, Academic Year 2006/07
- A.Racioppi, A $U(1)$ anomalous extension of the MSSM, Academic Year 2007/08 (Postdoc at the National Institute of Chemical Physics at Tallin, Estonia)
- D.Cassani, String Theory Compactifications with Fluxes and Generalizes geometry, Joint PhD between the University of Rome Tor Vergata and Ecole Normale Supérieure (Advisor A.Bilal) Academic Year 2008/09 (now Postdoc at the University of Padua)
- A.Mammarella, Anomalous $U(1)$, Dark Matter and Asymmetry, Academic Year 2008/09
- D.Ricci Pacifici, Issues in Supersymmetric Gauge theories, Academic Year 2009/10

GRANTS (PAST AND PRESENT)

- Supervisor for the Host Institution of the Marie-Curie Grant IIF-2008-22157 (Title: Non perturbative Super Yang-Mills Theories) First phase ended February 2011 Return Phase ends February 2012
- Member of the Tor Vergata Node for the ERC Grants HPRN-CT-2000-00122, HPRNCT-2000-00131 and HPRN-CT-2000-00148, MRTN-CT-2004-503369, MRTN-CT-2004-512194
- INTAS Project, 99-1-590 and 03-51-6346
- NATO Grant PST.CLG.97878

- Member of the Tor Vergata Node for the PRIN (Project of Relevant National Interest) Grants 2001-025492, 2003-023852, 2005-024045 (ends 2010) , Financed from the Italian Ministry of Research and Education
- Supervisor and member for the INFN group at Tor Vergata of the funds for the scientific project PD51, PI14, TS11, TV12 (ongoing-Title:String Theory and Fundamental Interactions) more info on the programs at (<http://www.infn.it/indexen.php>)