

Curriculum Vitae Et Studiorum

Gianfranco PRADISI

• Personal Data

- **Place and Date of Birth:** *Rocca Canterano (ROMA), Italy, 13 november 1961.*
- **Nationality:** *italian citizen.*
- **Marital status:** *married, 1 son.*
- **Private Address:** *Via Diego Fabbri 68, 00137, Rome, Italy.*
- **Professional Address:** *Physics Department , Rome University “Tor Vergata”, Via della Ricerca Scientifica 1, 00133, Roma. Tel: 39-6-72594582 FAX : 39-6-2023707 E-Mail: gianfranco.pradisi@roma2.infn.it*

• Present position

- *Researcher (Assistant Professor)*

• Curriculum Studiorum

- **High School:** *Maturità Scientifica, 60/60, Liceo Scientifico “C. Cavour”, Rome, 1980.*
- **Laurea:** *Fisica, 110/110 cum laude, Rome University “La Sapienza”, may 1988.*
Thesis: “Invarianza Conforme, Invarianza Modulare e Spettri delle Teorie di Stringhe”.
Thesis advisors: Prof. G. Jona Lasinio, Prof. A. Sagnotti.
- **Post-laurea:** *INFN fellowship, february 1989 - february 1990*
- **PhD:** *Theoretical Physics, cicle V, Consortium of Universities Rome “Tor Vergata”, Rome “La Sapienza”, L’Aquila and Perugia, september 1993.*
Thesis: “Stringhe Aperte”;
Thesis Advisor: Prof. A. Sagnotti.

• Professional Career

- **INFN fellow**, *Rome U. "Tor Vergata"*, 1989-1990.
- **PhD: Theoretical Physics**, *Rome U. "La Sapienza"*, 1990-1992.
- **Teacher of Mathematics**, *'I.T.I.S. "A.Volta', Tivoli (Rome), Italy*, 1992-1994.
- **Researcher in Theoretical Physics**, *"Centro Vito Volterra", Rome U. "Tor Vergata"*, 1995-1996.
- **Teacher of Mathematics**, *'I.T.I.S. "A.Volta', Tivoli (Rome), Italy*, 1997-1999.
- **Researcher**, *Rome University "Tor Vergata"*, 2000 - 2003.
- **Confirmed Researcher (Assistant Professor)**, *Rome University "Tor Vergata"*, 2004 - .

• Research Interests

- *Conformal Field Theory*
- *Quantum Field Theory*
- *Supersymmetry and Supergravity*
- *String Theory and Quantum Gravity*
- *Physics Beyond the Standard Model*

Recent Conferences

- “*String Phenomenology TH institute*”, CERN, Geneva, Switzerland, july 2-20, 2012.
- “*Latinoamerican Workshop on High Energy Physics*”, Habana, Cuba, july 2012.
- “*TFI 2012*”, SISSA, Trieste, Italy, january 2012.
- “*Workshop on Fields and Strings: Theory-Cosmology-Phenomenology*”, Corfù, Greece, september 2011.
- “*String Phenomenology*”, Stockholm, Sweden, june 2011.
- “*BOSS 2011*”, LNF Frascati, Frascati, Italy, May 2011.
- “*XIX SIGRAV Conference*”, SNS Pisa, Italy, October 2010.
- “*String Phenomenology 2010*”, Paris, France, july 2010.
- “*TFI 2010*”, Perugia, Italy, june 2010.
- “*Twelfth Marcel Grossmann Meeting*”, Paris, France, july 2009.
- “*Strings 2009*”, Rome, italy, june 2009.
- “*New Perspectives in String Theory*”, GGI Workshop, Florence, Italy, april-june 2009.
- “*Strings and Strong Interactions workshop*”, INFN LNF Frascati, Italy, september 2008.
- “*Strings 2008*”, CERN, Geneva, Switzerland, august 2008.
- *CERN Theory Institute on “String Phenomenology”*, CERN, Geneva, Switzerland, july-august 2008.
- “*Theories of the Fundamental Interactions*”, Villa Mondragone, Frascati, Italy, june 2008.
- “*Symmetries of the Universe and of the Fundamental Interactions*”, Scuola Normale Superiore, Pisa, Italy, december 2007.
- “*Strings 2007*”, Madrid, Spain, june 2007.
- “*Superstring Phenomenology*”, Frascati, Italy, june 2007.

- “*New Directions Beyond the Standard Model in Field and String Theory*”, GGI Workshop, may-june 2006.
- “*GGI Inaugural Conference*”, Florence, Italy, september 2005.
- “*Superstring Phenomenology*”, Munich, Germany, june 2005.
- “*The Legacy of Supergravity*”, Conference in honour of Sergio Ferrara. Villa Mondragone, Monteporzio, Roma, Italy, june 2005.
- “*Strings at CERN*”, CERN, Geneva, Switzerland, july 2004.
- “*Strings 2004*”, Paris, France, july 2004.
- “*Workshop on String Cosmology*”, College de France, Paris, France, june 2004.
- “*Pisa Seminar on New Directions in Physics Beyond the Standard Model*”, Scuola Normale Superiore, Pisa, Italy, june 2004.
- “*String Phenomenology 2003*”, Durham, England, july 2003.

Long Visits

- *CPTH Ecole Polytechnique*, Palaiseau, France.
- *Theory Division, CERN*, Geneva, Switzerland.
- *Scuola Normale Superiore*, Pisa, Italy.
- *LPT Ecole Normale Supérieure*, Paris, France.
- *Physics Department, Humboldt University*, Berlin, Germany.
- *Physics Department, Eötvös Loránd University*, Budapest, Hungary.
- *LPT University of Paris-sud XI*, Orsay, France.
- *GGI*, Florence, Italy.

Referee Activities

- *Editor and Referee for MPLA (Modern Physics Letters A), World Scientific.*
- *Editor and Referee for JMPA (Journal of Modern Physics A), World Scientific.*
- *Referee for Nuclear Physics **B**, Ed. North-Holland, Elsevier B.V.*
- *Referee for Physics Letters **B**, Ed. North-Holland, Elsevier B.V.*
- *Referee for JHEP (Journal of High Energy Physics), SISSA, Institute of Physics Publishing.*
- *Referee for Istituto Nazionale Fisica Nucleare.*

Supervised Students

- Dott. Marianna Larosa, Ph.D. 2005 (co-supervisor Prof. A. Sagnotti).
- Dott. Marco Nicolosi, Ph.D. 2005 (co-supervisor Prof. A. Sagnotti).
- Dott. Gabriele Rizzo, Laurea Specialistica in Fisica 2009 (co-supervisor L. Cornalba).
- Dott. Luca Tripodi, Laurea Magistrale in Fisica 2011 (at Rome 3 University).

Committees and Organization

- *Organized Conferences:*
 - *Congresso Nazionale di Fisica Teorica “Cortona 2002”, Cortona, Italy, may 2002.*
 - *Congresso Nazionale di Fisica Teorica “Cortona 2003”, Cortona, Italy, may 2003.*
 - *European Superstring Theory Network Meeting “New Developments in Gauge and String Theories”, Asciano, Italy, april 2003.*
 - *“Superstring Phenomenology 2007”, Frascati, Italy, june 2007.*
 - *“Theories of the Fundamental Interactions”, Frascati, Italy, june 2008.*
 - *“New Perspectives in String Theory”, GGI Workshop, Florence, Italy, april-june 2009.*
 - *“Strings 2009”, Rome, Italy, june 2009.*
- *Organizer of the Theory Group Seminars, Physics Department, University of Rome “Tor Vergata”, 2002-2006.*
- *Local Scientist in charge of the Physics Department Seminars, University of Rome “Tor Vergata”, 2005 - .*
- *Member of the Committee for Research Positions in Theoretical Physics at the Facoltà di Scienze MM.FF.NN. of the University “Federico II”, Naples, Italy, SSD FIS02, 2005.*
- *Member of the Committee for Research Positions in Theoretical Physics at the Facoltà di Scienze MM.FF.NN. of the University “Milano Bicocca”, Milan, Italy, SSD FIS02, 2008.*
- *Scientist in Charge of the Committee for the “European Master in Theoretical Physics”, 2006.*
- *Local Scientist in Charge of “The European Superstring Theory Network”, 2007-2009.*
- *Coordinator of the INFN “Gruppo IV” for the “Iniziativa Specifica TV12” 2007- .*

Grants

- PRIN 2001, prot. 2001025492_007, “Stringhe, brane e teoria quantistica dei campi”, co-ordinator Prof. A. Sagnotti.
- PRIN 2003, prot. 2003023852_004, “Stringhe, brane e campi di gauge di spin arbitrario ”, co-ordinator Prof. A. Sagnotti.
- PRIN 2005, prot. 2005024045_003, “Stringhe, brane e campi di gauge di spin arbitrario ”, co-ordinator Prof. A. Sagnotti.
- PRIN 2007, prot. 20075ATT78_001, “Stringhe, brane e campi di spin elevato ”, co-ordinator Prof. A. Sagnotti.
- PRIN 2009, prot. 2009KHZKRX_005, “Simmetrie dell’Universo e delle Interazioni Fondamentali ”, co-ordinator Prof. M. Bianchi.
- RTN “Superstring Theory” Network, project: HPRN-CT-2000-00122, 2001-2004.
- The European Superstring Theory Network, Project: MRTN-CT-2004-512194, 2005-2009.