

CURRICULUM VITÆ

Igor PESANDO



Curriculum vitæ of Igor Pesando

Personal Information

Name: Igor Pesando

Place of birth: [REDACTED]

Citizenship: Italian

Addresses

Present (work): Dipartimento di Fisica
Università di Torino
Via P. Giuria 1, I-10125, Torino, Italy

email address: [REDACTED]

ipesando@to.infn.it, igor.pesando@unito.it

Research Interests:

- Supersymmetry and Strings
- Quantum Field Theory and Critical Phenomena

Education:

- 20.07.1983: “**Maturità Scientifica**” (final examination of the italian high school for scientific studies) with (54/60).
- 10.07.1987: “**Laurea in Fisica**” (degree in Physics) with maximum marks (110/110) cum laudae at the University of Turin.
Thesis: *String compactification schemes by free fermions*
Advisor: Prof. ██████████
- 23.09.1992: “**Dottorato di Ricerca in Fisica**” (Philosophiæ Doctor) with a successful defense of the Ph.D. thesis.
Thesis: *Effective theory for heterotic string*
Advisor: Prof. ██████████

Academic Career:

- 1983-1987: Undergraduate student at the Turin University, Turin, Italy.
- 15.12.1988: Beginning of Ph.D. (Dottorato di Ricerca in Fisica), after a public competition.
- 01.10.1992: One year fellowship at the Niels Bohr Institut, Copenhagen, Denmark.
- 01.10.1993: Grant from the Danish Education Ministry for a 4 months staying at the Niels Bohr Institut, Copenhagen, Denmark.
- 01.02.1994: Beginning of a ”Human Capital and Mobility” EU fellowship at Nordita under the guidance of Prof. Paolo Di Vecchia.
- 01.09.1995: Permanent position as researcher at the Department of Theoretical Physics of the Turin University, Turin, Italy
- 26.12.2004: Permanent position as Associate Professor at the Department of Physics of the Turin University, Turin, Italy

Teaching Experience

- From 2017/18 on course “Statistical Mechanics” for master programme in Physics
- From 2011/2012 on: course “Physics” for undergraduate programme in Information Technology
- From 2009/10 til 2016/2017 course “General Relativity” for master programme in Physics
- From 2008/09 on: short course “Introduction to Supersymmetry” for PhD programme
- From 2005/06 til 2007/08: course “Non Perturbative Field Theory” for PhD programme
- From 2006/07 til 2010/11: course “Econophysics” for undergraduate programme in Physics and Mathematics for Finance and Insurance.
- From 2004/05 til 2008/09: course “Physics” for undergraduate programme in Risk Prevention
- From 1996/1997 til 2004/2005: exercise sessions on Mechanics and Special Relativity

Refereeing Experience

- Referee for JHEP, Nucl Phys B, PLB, CQG
- Referee for Belgian and French universities

Organizing experiences

- organizer “RTN Winter School on Strings, Supergravity and Gauge Theories”, Torino, 7-11 Gennaio 2003. Among the editors of the proceedings, published in Fortschritte der Physik, Vol 52, no 2-3 (February-March 2004).
- organizer Workshop of the European R.T.N. network “The quantum structure of spacetime and the geometric nature of fundamental interactions”, Leuven, September 13-19, 2002. Among the editors of the proceedings, published in Class. Quantum Grav. 20 (2003) 321-579.

- organizer School on "Quantum aspects of gauge theories, supersymmetry and quantum gravity", Torino, January, 26 - February, 2 2000. Among the editors of the proceedings, published in Class. Quant. Grav. 17 (2000) 3377-3597.
- in charge of Erasmus exchanges for Physics students since 2002.
- in charge of the local unity of the national project MI12 (now GSS) funded by INFN since 1999

Participation to research projects I participated/ am participating to the following national and international research projects:

- MIUR PRIN Contract 2015 MP2CX4 Non-perturbative Aspects Of Gauge Theories And Strings.
- MAST: Modern Applications of String Theory TO-Call3-2012-0088 funded by Compagnia di San Paolo
- MIUR-PRIN contract 2009KHZKRX-007, "Symmetries of the Universe and of the Fundamental Interactions".
- MIUR-PRIN-2005023102, "Strings, D-branes and Gauge Theories".
- European RTN network project HPRN-CT-2000-00131 "The quantum structure of spacetime and the geometric nature of fundamental interactions".
- MIUR-PRIN-2003023852 project "Physics of fundamental interactions: gauge theories, gravity and strings".
- MIUR 2001-1025492 project "Teoria dei campi, superstringhe e supergravit".
- European TMR network project ERBFMRX-CT96-0045 "Quantum Aspects of Gauge Theories, Supersymmetry and Unification"

List of publications

- <https://inspirehep.net/literature?sort=mostrecent&size=25&page=1&q=a%20pesando%20citation-summary=true>