

Camillo Imbimbo

Associate professor

✉ camillo.imbimbo@ge.infn.it

☎ +39 0103536449

Education and training

1985

Ph. D. in Theoretical Physics

Using index theorems in supersymmetric field theories and strings. - 30/30
cum laude

International School for Advanced Studies - Trieste - IT

1984

Master Degree

Topological Methods in Supersymmetric Theories - 30/30 cum laude

International School for Advanced Studies - Trieste - IT

1982

Laurea in Physics

Supergravity and Superunification - 110/110 cum laude

University of Pisa - Pisa - IT

1982

Diplome in Physics

Scuola Normale Superiore - Pisa - IT

Academic experience

2001 - ONGOING

Associate Professor

Department of Physics of the University of Genova - Genova - IT

1998 - 2001

Associate Professor

Department of Physics of the University of Genova - Lecce - IT

1985 - 1998

Researcher

National Institute of Nuclear Physics - Genova - IT

1993 - 1995

Research Fellow

CERN - Geneva - CH

1986 - 1988

Post-doctoral fellow

Massachusetts Institute of Technology - Cambridge - US

1983 - 1986

Post-doctoral fellow

Ecole Normale Supérieure - Paris - FR

Language skills

Italian

Mother tongue

English

Proficient

French

Proficient

Teaching activity

I taught courses on:

Theoretical Physics

Quantum Field Theory

Quantum Mechanics

Electromagnetism

Postgraduate research and teaching activity

PhD committees membership

I was part of the Collegio dei Docenti of the Doctoral program in Physics of the Department of Physics of the University of Genova from 2011 to 2013

Research interests

My research activity focuses on Supersymmetric and Topological Field and String Theories, with an emphasis on the application and the development of non-perturbative methods.

Grants

2015 - 2018

Gauge theories supergravity and string theory

National Institute of Nuclear Physics - IT

Participant

2005 - 2014

Iniziativa Specifica MI12 'Gauge Theories and String Theories'

National Institute of Nuclear Physics - IT

Participant

The project was about quantum field theories and string theories.

2002 - 2005

COFIN

MIUR - IT
Participant

2013 - 2014

PRA La corrispondenza AdS/CFT e le sue applicazioni

University of Genova - IT
Participant

2015 - 2016

Fondi di Ricerca di Ateneo

Department of Physics of the University of Genova - IT
14690 euro - Participant

2016 - 2017

TEORIA DEI CAMPI E STRINGHE

Department of Physics of the University of Genova - IT
Principal investigator

2017 - 2018

Applicazioni Fisiche della Teoria Quantistica dei Campi

Department of Physics of the University of Genova - IT
18785 - Participant

Editorial activity

I acted as referee for several international scientific journals, such as Nuclear Physics B, Physics Letters B, The Journal of High Energy Physics, Communication of Mathematical Physics, Helvetica Physica Acta.

Assignments abroad

I was a post-doctoral fellow at:

Laboratoire de Physique Theorique of the Ecole Normale Supérieure,
1984-1986

Massachusetts Institute of Technology in Cambridge, USA, 1987-1988
Theory Division of CERN, Geneva, 1993-1995