

## Dario GRASSO

### EUROPEAN CURRICULUM VITAE



#### PERSONAL DATA

Name	<b>GRASSO DARIO</b>
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Nationality	Italian
Date of birth	17 SEPTEMBER 1961

#### PROFESSIONAL EXPERIENCE

- 2006 - present  
Senior Researcher  
INFN (Istituto Nazionale di Fisica Nucleare), Pisa Unit  
Largo B. Pontecorvo, 3 - 56125 PISA
- 2003-2006  
Researcher  
Scuola Normale Superiore di Pisa  
Piazza Dei Cavalieri, Pisa
- 1993-2003  
Post-doctoral reseacher
  - Scuola Normale Superiore – Pisa, Italy (2001-03)
  - Università di Padova - Italy (1998-2001)
  - University of Valencia – Spain (1997-98)
  - Uppsala and Stockholm universities – Sweden (1994-97)
  - INFN - Roma 1 unit (1992-93)

**Military service:** reserve officer of the Technical Corp of the Italian Army at  
“Stabilimento Militare Materiali per la difesa Nucleare, Battereologica e Chimica”  
in Civitavecchia (1987-88).

## ACADEMIC TRAINING

• 1988 – 1992

**Doctorate in Physics (Ph.D.)**  
*At Università di Roma "la Sapienza"*

• 1980 – 1986

**Master degree in Physics**  
*Università di Roma "la Sapienza"*

## MANAGERIAL SKILLS

Founder and organizer of the graduate student schools "AstroParticle Physics, Cosmology and Gravitation" at the Galileo Galilei Institute (GGI) for Theoretical Physics, Firenze (2019-23).  
Member of the steering committee of the Pisa University and INFN-Pisa PhD school in Physics 2018-23.  
Member of the steering committee of ISAPP (International School for AstroParticle Physics) 2018-23.  
National coordinator of the INFN funds from the grant ASI-INAF 2017-14-H.0 (2018-2022).  
Organizer of the conferences "*Quantum gases, fundamental interactions and cosmology*", Pisa 2019 and 2022.  
Coordinator of INFN group "KM3-Pisa" for the Neutrino Telescope KM3Net (2018-20).  
Founder and coordinator of the research group which developed the numerical codes DRAGON and HERMES for modeling the high energy cosmic-ray radiation (2008-2018).  
Organizer of the conferences "*New Frontiers in Theoretical Physics*" 2014 and 2016, Cortona and Galileo Galilei Institute (GGI), Firenze.  
Coordinator of INFN-Pisa group under the Marie Curie Reasearch Training Network "UniverseNet" for Cosmology and Astroparticle Physics (2006-08).

## UNIVERSITY TEACHING

Università di Pisa, Dipartimento di Fisica (2007-09; 2013-2023)  
Università degli Studi di Siena, Dipartimento di Fisica Sperimentale (2005-08)  
Scuola Normale Superiore di Pisa (2002-03)  
Università di Uppsala, Svezia (1998-97)

**Main subjects** : Cosmology, Special and General Relativity, Electromagnetism, Astroparticle Physics, Quantum Mechanics, Statistical Mechanics

### Teaching qualifications:

Italian National Scientific License for the role of University Full Professor in Theoretical Physics and Fundamental Interactions, 2020

Italian National Scientific License for the role of University Associate Professor in Theoretical Physics and Fundamental Interactions , 2014

## EXPERIENCE AS A REVIEWER

Member of the committee for the selection of the "assegni di ricerca" for Pisa unit of INFN (2020-2022).

Referee for the following scientific journals: Astronomy & Astrophysics, Astroparticle Physics, JCAP, Physical Review D e Physical and Physical Review Letters.

2009 - Member of scientific committee of INFN Pisa Unit in charge to evaluate the progress of the ADVANCED VIRGO project (gravitational wave telescope)

Referee of grant proposal for the "Initiatives de recherche strategiques" of Grenoble Initiative d'Excellence of the French Government (2017).

## SCIENCE COMMUNICATION

Interview for the *Thomson Reuters Science Watch* agency presenting the main results contained in my paper "On the possible interpretations of the high energy electron-positron spectrum measured by the Fermi Large Area Telescope" (published in *Astroparticle Physics* – 2009).

Member of scientific committee and reviewer of the "Asimov Price" for popular science books, 2018-22.

## SCIENTIFIC PAPERS AND SPEECHES

65 PAPERS IN INTERNATIONAL PEER REVIEWED SCIENTIFIC JOURNALS

40 PAPERS IN THE PROCEEDINGS OF INTERNATIONAL CONFERENCES

MORE THAN 20 INVITED TALKS AT INTERNATIONAL CONFERENCES

H-INDEX : 40 (INSPIRES)