

## PERSONAL INFORMATION

## Andrea Chincarini

 Istituto Nazionale di Fisica Nucleare, via Dodecaneso  
33, 16146 Genova, Italy

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 [www.infn.it](http://www.infn.it)

 **Current position** Staff researcher, PhD, Istituto

Nazionale di Fisica Nucleare - Professor, "Gravitational  
Waves", Physics Department, University of Genoa (Italy)

**Gender** Male



## WORK EXPERIENCE

2000 – Present **Staff Researcher**

Istituto Nazionale di Fisica Nucleare (INFN)  
via Dodecaneso 33, 16146 Genova (Italy)

Main activities:

- National Scientific Commission Coordinator
- Research initiative national coordinator, Group leader, Principal Investigator
- Modeling, data analysis expert

**Business or sector** Institutional Research

1996 – 2000 **Surface Analysis scientist**

Physical Electronics GmbH  
Fraunhoferstraße 4, D-85737 Ismaning (Deutschland)

Main activities:

- technical and analytical help on surface analysis systems (XPS, Auger, ToF-SIMS)
- expertise on analytical systems hardware, vacuum technology, analysis software

**Business or sector** Research & Development

1994 – 1995 **Research grant, INFN**RESPONSIBILITIES AND  
POSITIONS HELDINFN initiatives **Research management and coordination (summary)**

2016–Present **National Scientific Commission coordinator** - CSN5, Applied and Interdisciplinary physics

2012–2016 **Principal Investigator** 2 research initiatives, CSN5

2007–Present **Unit Manager / Group Leader** 4 research initiatives, CSN5 - CSN2

2007–2009 **Scientific responsible** Surface Analysis Laboratory

Competitive calls **EU and National project coordination (summary)**

2019–Present **Research Unit Coordinator** Bando Ricerca Finalizzata 2018, Ministero della Salute

2019–2020 **Principal Investigator** VERTIS VV3TT Proof of Concept call

2017–Present **Working Group Coordinator** COST action CA17137, A network for Gravitational Waves, Geophysics and Machine Learning

- 2015–2018 **Principal Investigator** “PET 2.0 - amyloid imaging”, European Alzheimer’s Disease Consortium
- 2010–2013 **Partne JRA2** EU project DECIDE, MRI application team

### Memberships **Editorial Board**

- 2016–Present VIRGO EB, Gravitational Waves
- 2017–2019 Associate editor, Journal of Alzheimer’s Disease

### Research Institution & Associations

- 2017–Present “Neuroimaging Study Group”, Italian Association of Nuclear Medicine (AIMN)
- 2015–2016 Consulting scientist for *Eli-Lilly* on neuroimaging quantification methods
- 2010–Present European Alzheimer’s Disease consortium (EADC)
- 2006–Present Associated at CERN

### AWARDS

- 2019 **SmartCUP** competitive call for innovative ideas. Project DORIAN ranked first in the “Life-Science” category
- 2016 **Gruber Cosmology prize** For the participation in the discovery of Gravitational Waves (<https://gruber.yale.edu/ligo-team-members>)
- 2016 **Breakthrough prize** Award and donation for work done in fundamental physics (<https://www.breakthroughprize.org>)
- 2015 **Fondazione Piaggio-Casarsa** Award and donation for work done in physics applied to neurodegenerative studies (Genova, Italy)

### PUBLICATIONS

ORCID	<a href="https://orcid.org/0000-0003-4094-9942">https://orcid.org/0000-0003-4094-9942</a>	
Bibliometry	Indexes calculated on December 10, 2020	
Indexes	ISI	SCOPUS
Total Articles	271	281
Average Citations per Item	112.6	118.8
h-index	<b>65</b>	<b>69</b>

### Books

- 2020 PET and SPECT in Neurology 2<sup>nd</sup> edition. ISBN 978-3-030-53167-6
- 2017 Centennial of General Relativity: A Celebration ISBN: 978-9-814-6996-62
- 2014 PET and SPECT in Neurology. ISBN: 978-3-642- 54306-7
- 2012 Computational Modelling of Objects Represented in Images. ISBN:978-0415621342
- 2008 Computational Vision and Medical Image Processing. ISBN: 978-94-007-0010-9
- 2003 Utilisation and reliability of high power proton accelerators. ISBN: 9789264102118.

January 18, 2021

Signature

