

CURRICULUM VITAE

ANDREA ROMANINO

2020

EMPLOYMENT HISTORY

From 11/2014: Full professor at SISSA

04/2005–10/2014: Associate professor at SISSA

01/2003–03/2005: CERN Theory Division Fellow and Associate

11/2001–12/2002: “Ricercatore TD” at the Scuola Normale Superiore, Pisa (resigned to accept CERN offer)

10/2000–11/2001: Research associate at the Fermi National Accelerator Laboratory, USA

10/1998–09/2000: Postdoctoral research assistant at the University of Oxford, UK

EDUCATION

Ph.D. in Physics University of Pisa

Laurea in Physics University of Genova (Laude)

RESEARCH INTERESTS

Theory and phenomenology of fundamental interactions. In particular:

- Beyond the Standard Model of particle physics at the TeV scale and beyond
- Flavour physics and the origin of masses, neutrino models and phenomenology
- Aspects of astroparticle physics and cosmology

PUBLICATIONS

- Author of 87 scientific publications, out of which 59 original articles on international refereed journals.
- Bibliometric data according to Spires (the standard database for particle physics) at 05/01/2021: 2 renowned paper (more than 500 citations), 4 famous papers (more than 250 citations), 98.4 citations per paper, h-index 37.
- The paper “Split Supersymmetry”, *Nucl. Phys.* **B699** (2004) 65–89, now with 950+ citations, was identified as “Emerging Research Front” by ESI-Topics.

CONFERENCES

- Organizer of 27 conferences and conference sessions.
- 69 invited plenary talks at international conferences.
- Overall 183 talks at conferences, physics schools, universities, and other scientific institutions.

TEACHING

- Postgraduate courses at SISSA since 2005/06.
- Master, diploma, postgraduate courses at ICTP, EAFIR, University of Oxford and Pavia.
- 28 series of lectures at international schools of physics.
- Supervisor of 12 Ph.D. students and 3 master students.
- INFN Fubini prize for the best PhD thesis won in 2010 by the student Robert Ziegler. SISSA prize for the best PhD thesis in Physics won in 2015 by the student David Marzocca.

ACADEMIC RESPONSIBILITIES

- President of SISSA CUG (committee for equal opportunities, against mobbing and discriminations) from 12/2018
- President of the SISSA Medialab Scientific Council, member since May 30, 2017. SISSA Medialab publishes the international journals JHEP, JCAP, JSTAT, JINST.
- Coordinator of the Physics Area of SISSA from 05/2016 to 05/2018
- Member of the Senate of SISSA from 05/2012 to 05/2018
- Member of the Board of Directors of SISSA from 11/2007 to 10/2010
- Member of the Board of Directors of SISSA from 12/2005 to 10/2007
- SISSA delegate for research from 07/2011 to 08/2016
- Member of the “Consiglio Direttivo” of the “Consorzio per l’incremento degli studi e delle ricerche dei dipartimenti di fisica dell’università di Trieste” from 06/2011 to 10/2016
- Coordinator of the Astroparticle curriculum at SISSA from 09/2005 to 10/2007

OTHER ACADEMIC ACTIVITIES

- Scientific consultant for ICTP from 2014.
- Research appointment (“incarico di ricerca”) in the Trieste Section of INFN from 2008.
- Member of PRIN projects in 2006, 2008, 2010-2011, 2015 (in 2015, 2008, 2006 as SISSA coordinator).
- Team member of the ERC Advanced Grant no. 267985 “DaMESyFla”. Member of several european networks: Horizon2020 ITN “Elusives” (H2020-MSCA-ITN-2015-674896), Horizon2020 RISE “Invisibles-Plus” (H2020- MSCA-RISE-2015-690575), Horizon2020 TWINN “Twinning for a step forward of the Theoretical Physics Division” Grant RBI-T-WINNING (692194), FP7 ITN “Invisibles” (Marie Curie Actions, PITN- GA-2011- 289442, April 2012–March 2016), FP7 ITN “UNILHC” (Marie Curie Actions, PITN-GA-2009-237920, October 2009–September 2013), FP6 RTN “UniverseNet” (Marie Curie Actions, MRTN-CT-2006-035863), FP6 RTN “Across the energy frontier” (Marie Curie Actions, HPRN-CT-2000-00148).
- Scientific coordinator of the European project FP7-PEOPLE-2009-IEF “The physics of flavor in visible and dark sectors” (05/2010 to 01/2011).
- Coordinator, as head of the Physics Area of SISSA, of the funded “Dipartimenti di Eccellenza” application (scientific content by the data science working group).

REFEREE ACTIVITIES

- Member of the “Commissione INFN Congressi” November 2019–October 2022.
- Referee for the Marie Skłodowska-Curie Action of the European Commission.
- Referee for the PRIN programme of MIUR (Italian Ministry of Education, University, and Research).
- Referee for the Vici grant program (about €1.5M) of the Netherlands Organisation for Scientific Research (NWO).
- Member of the scientific committee of the *Consolider-Ingenio Program* of the Spanish Ministry of Science and Innovation (about €5M).
- Referee of the *Consolider Program* of the Spanish Ministry of Science and Education (about €5M).
- Referee in 2008 for the *Odysseus Programme* of the Research Foundation Flanders (about €2–7.5M).
- Referee for the selection of research projects in several Institutions.
- Referee for the major international theoretical particle physics journals: *Physical Review Letters*, *JHEP*, *Physical Review*, *Nuclear Physics*, *Physics Letters*, *EPJC*, and others.