

Alessandro De Angelis

Short CV (September 1, 2019)

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Place and date of birth Cencenighe Agordino (Belluno, Italy), 16 August 1959
Nationality Italian and Argentinian

Job/Memberships

Full Professor in Experimental Physics at the University of Padova and at IST Lisboa (astroparticle physics/high energy astrophysics, quantum mechanics).

Principal Investigator of astrophysical projects from ground (formerly project scientist of MAGIC) and on satellites (ASTROGAM). Member of INFN, INAF, SIF, Gruppo2003, LIP Portugal.

Research Interests

Fundamental physics. From 1983 to 1999, physics with particle accelerators; from 1999 to today, high energy astrophysics, in particular with cosmic gamma rays.

Previous Jobs (since 1993)

Oct 2014 - Sep 2017 Director of research at Istituto Nazionale di Fisica Nucleare (INFN), Padova
II Semester 2011/12 Full professor (visiting) at the University of Tokyo
Sep 2010 - Jun 2011 Guest Researcher at Max-Planck Institute for Physics (Werner Heisenberg), Munich
II Semester 2001/02 Visiting professor, University of Paris VI
1993 - 1999 Associate (until 1995) and then Staff Member at CERN, Geneva
Other periods University of Udine, associate (until 2004) and then full professor

Coordination Experience (since 1993)

2019 - Coordinator of the Italian Consortium of Universities designing within an international collaboration the Southern Wide-field Gamma-ray Observatory in South America
2015 - 2019 Principal Investigator of the ASTROGAM Collaboration (400 scientists from 16 countries)
2017 - 2019 Coordinator of the Mobility Exchanges in Space Science between Italy and Argentina, Ministero Affari Esteri
2013 - 2018 Responsible for INFN of the *Progetto premiale* TECHE.it, financed with 1.3 MEUR (transfer of the Silicon PhotoMultiplier technology from INFN to Italian industry; in collaboration with FBK Trento and private partners)
2013-2016 Chair of the Collaboration Board of the MAGIC telescopes (La Palma, Canary Islands)
2006-2009; 2012 Project Scientist of MAGIC
2012 - 2015 National Coordinator for INFN of the Cherenkov Telescope Array, CTA
2005 - 2011 National Coordinator of MAGIC
1995-1999 Member of the Executive Board of the DELPHI experiment at CERN (400 scientists)
1993 Coordinator of the software for the Neural Network project of INFN
2012, 2005, 2003, 1998 Responsible of the Udine unit for approved *progetti di rilevante interesse nazionale* (PRIN)

Studies

Classical high-school (Vicenza, 60/60). Graduated magna cum laude in Physics in Padova. Diploma of the Scuola Elettronica di Artiglieria, Roma (Lieutenant of the Italian army). Post-doctoral activity at CERN, Geneva.

Main Scientific Awards

- 2016 Highly Cited Researcher, Thomson-Reuters/Clarivate.
- 2011 Thomson-Reuters Award for belonging to the "top 1% researchers publishing in the field of Space Science over the [...] decade" 2002-2011.
- 2011 HEAD AAS Bruno Rossi Prize as a member of the GLAST/Fermi-LAT Team.
- 2008 NASA Group Achievement Award for the project and construction of the GLAST/Fermi Space Telescope.

Main Honors

- 2018 Commendatore dell'Ordine al Merito della Repubblica Italiana, *motu proprio* of the President of Republic.

Publications

- Books Introduction to particle and astroparticle physics: Multimessenger Astronomy and its Particle Physics Foundations, 2nd Edition, by A. De Angelis and M. Pimenta, Springer 2018 (760 pp.), with a preface by Francis Halzen, ISBN 978-3-319-78181-5.
L'enigma dei raggi cosmici, by A. De Angelis, Springer 2012 (150 pp.), with a preface by Margherita Hack, ISBN 978-88-470-2047-4.
Several books of Conference Proceedings.
- Articles More than 700 refereed papers on journals including Science and Nature. Popularization articles in Le Scienze, Sterne und Weltraum, Nuovo Saggiatore, Coelum, CERN Courier. Participation to several TV and radio emissions, also on the TV channels RAI (TG Leonardo, Rai 3).
- H-Index ISI Web of Science: 89; SLAC Inspire: 115.
http://inspirehep.net/search?ln=en&ln=en&p=find+a+de+angelis%2C+a&of=hb&action_search=Search&sf=earliestdate&so=d&rm=&rg=250&sc=0

Languages

Italian (native); English (very good r/w); French (very good r/w); Portuguese (good); Spanish (fair).