



Paolo Natoli

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Positions held

2014-	Associate Professor, University of Ferrara
2011-2014	Staff Research Associate (<i>Ricercatore</i>), University of Ferrara
2010-	Senior scientist of the ASI Space Science Data Center (SSDC)
2005-	Associate scientist of the Italian national institute for astrophysics (INAF)
2002-	Associate scientist of the Italian national institute for nuclear physics (INFN)
2002-2010	Staff Research Associate (<i>Ricercatore</i>), University of Rome "Tor Vergata"
2000-2001	Post Doctoral fellow, University of Rome "Tor Vergata"
1998-1999	Visiting Scholar, University of California at Santa Barbara

Education

2000	Ph.D. in Physics, University of Rome, Tor Vergata
1996	M.S. in Physics, University of Rome, Tor Vergata

Experience and Awards

2019	Giuseppe and Wanda Cocconi EPS prize (awarded to the Planck collaboration)
2018	Gruber prize for cosmology, co-recipient (along with 45 members of the Planck team)
2018	Group Achievement Award (RAS), with the Planck collaboration
2014	NERSC Achievement Award for High-Impact Science, with the Planck collaboration
2010	Visiting Scientist, NASA Jet Propulsion Laboratory, Pasadena, California
2009	Planck LFI research award, presented by ASI (Italian Space Agency)
2008	Visiting Scientist, LBLN, Berkeley, California
2007	Visiting Scientist, NASA Jet Propulsion Laboratory, Pasadena, California
1997	Visiting Scientist, Theoretical Astrophysics Center, Copenhagen, Denmark.
1993	Enrico Persico Award. Accademia Nazionale dei Lincei, Italy

Bibliometrics

h-index: **97**, **300+** publications (**250+** refereed), **53000+** citations, **95** (230) papers cited **100+** (10+) times: (source: NASA/ADS)

More than 40 invited talks in high-level conferences

International Collaborations:

Planck Satellite, Associate Investigator and Planck Scientist:

Member of the Planck Editorial Board

Executive PI Secretary for the Planck LFI Consortium

Scientific Secretary of the Planck LFI Core Team

Leader of the Planck Core Cosmology Project C2 “Power Spectrum Estimation and Likelihood”
(with F.R. Bouchet from CNRS/IAP)

LiteBIRD satellite (JAXA), Team Member

Member of the LiteBIRD Interim Governance Board

Member of the mission policy making committee

Member of the data management committee

Euclid satellite team member

Member of the XCMB Science Working Group with responsibility for likelihood development.

Herschel Satellite, Associate investigator of the HiGal Key Project

LSPE, ASI funded balloon borne CMB polarization experiment.

BOOMERanG 1998 and 2003, balloon borne CMB Anisotropy experiment

BEAST Balloon/Ground Based CMB Anisotropy Experiment at UC Santa Barbara

Main Grants

2017-20: ASI “COSMOS” Grant, for Ferrara (about € 250000)

2015-21: ASI Euclid “Phase B2/C” Grant, for Ferrara (about € 50,000)

2014-2019: ASI Planck LFI “Phase E” Grant (total amount about € 300,000)

2015- : INFN LSPE grant, local coordinator for Ferrara (about € 6,000/year)

2013-14: ASI “COFIS” Grant, for Ferrara (about € 30000)

2011-2014: Recipient, PRIN 2009 Grant. Coordinator of Unit (about € 73000)

2008-2011: Recipient, ASI Herschel HiGal grant (about € 80000)

2008-2011: Recipient, Thales-Alenia Space grant for Planck LFI (about € 50,000)

PhD Students

Marina Migliaccio (2011, postdoc in Santander and Cambridge, now TT professor, University of Rome)

Alessio Traficante (2012, postdoc in Manchester, now postdoc at INAF/IAPS Roma)

Francesco Forastieri (2018, then postdoc at the University of Ferrara)

Linda Polastri (2019)

Margherita Lembo (co-tutor, expected completion 2021)

Umberto Natale (expected completion 2021)

Postdocs supervised

Massimiliano Lattanzi (2012-2017, now INFN researcher)

Marco Guidetti (2012-2013, now researcher for Wolfram corp.)

Diego Molinari (2015-2019), now staff at CINECA

Francesco Forastieri (2018-2019)