



PERSONAL INFORMATION

NAME & SURNAME Antonella Greco

EMAILS

WEBPAGES

- http://www.researchgate.net/profile/ANTONELLA_GRECO/
- <http://orcid.org/0000-0001-5680-4487>
- <https://scholar.google.com/citations?user=ztDOIhcAAAJ&hl=en>

CURRENT POSITION

- Assistant Professor at the Department of Physics, University of Calabria (from 2005)
- SSD FIS/06

DEGREE

PhD in Physics

SCIENTIFIC SCORE
(GOOGLE SCHOLAR, AUGUST
2019)

- 65 peer reviewer publications
- H-factor = 19
- ~1420 citations

MAIN SCIENTIFIC INTERESTS

- Space physics (magnetosphere, solar wind, heliosphere, solar corona)
- Plasma Physics
- Numerical methods and parallel computing
- Spacecraft data analysis
- Theory of turbulence
- Magnetic reconnection, particle transport, diffusion and acceleration in turbulent environments

PROFESSIONAL SERVICES

- Referee for the following journals: Planetary and Space Science, Nonlinear Processes in Geophysics, The Astrophysical Journal, The Astrophysical Journal Letters, Journal of Geophysical Research, Geophysical Research Letters.
- Reviewer for NASA and NSF proposals;
- **Guest Editor** of the research topic 'Improving the Understanding of Kinetic Processes in Solar Wind and Magnetosphere: From CLUSTER to MMS' in the Journal **Frontiers in Physics**, 2018-present

MEMBERSHIP

- 2007: INTAS, "Magnetic turbulence in geospace environment"
- 2012-2015: Member of the "Turboplasmas" team, funded by European Community Seventh Framework Programme (FP7/2007-2013)
- 2012-2015: Member of the "Geoplasmas" team, funded by European Community Seventh Framework Programme (FP7/2007-2013)
- 2015-present: Member of the group Outreach and Media Relations in the Space Weather Italian Community (SWICO)
- 2017-2019: Team Leader of ISSI team 405 "Current Sheets, Turbulence, Structures and Particle Acceleration in the Heliosphere"
- 2019-present: Scientific team member of the mission SOLAR ORBITER, selected as the first medium-class mission of ESA's Cosmic Vision 2015-2025 Programme
- 2019: SOC member of the international workshop 'PLASMA PHYSICS AND ASTROPHYSICS UP TO 2020 AND BEYOND' held at Unical, Italy
- 2019: SOC member of the 'ARCETRI WORKSHOP on PLASMA ASTROPHYSICS' to be held in Arcetri, Italy

PROJECTS, GRANTS & AWARDS

- PI for the CINECA project “Studio dei meccanismi di accelerazione stocastica di particelle nella coda magnetica terrestre mediante l'uso di simulazioni test-particles”, computing time on the CINECA supercomputing facilities (2008, Bologna, Italy);
- PI for the CINECA project ‘Jet fronts in the Earth's magnetotail’, class C proposal to the ISCRAP programme (2015, Bologna, Italy);
- Awarded under selection of the call 'Finanziamento annuale delle attività base di ricerca (LEGGE 11 dicembre 2016, n. 232, art.1, commi 295-302)' 2018;
- Awarded under selection of the call 'UNATANTUM docenti e ricercatori 2018-2019, Università della Calabria
- National qualification as Full Professor in Physics of Matter, (ASN) settore, 02/B2 – Fisica Teorica della Materia, Prima Fascia, dal 8/08/2018 al 8/08/2024)
- National qualification as Full Professor in Astrophysics, (ASN) settore 02/C1 – Astronomia, Astrofisica, Fisica della Terra e dei pianeti, Prima Fascia, dal 11/07/2018 al 11/07/2024)
- National qualification as Associate Professor in Physics of Matter (ASN) settore 02/B2 – Fisica Teorica della Materia, Seconda Fascia, dal 10/04/2017 al 10/04/2023)
- National qualification as Associate Professor in Astrophysics (ASN) settore 02/C1 – Astronomia, Astrofisica, Fisica della Terra e dei pianeti, Seconda Fascia, dal 28/03/2017 al 28/03/2023)
- VQR 2011-2014 final result: excellent (score 1) for both products.

La dichiarante
