

Curriculum vitae

PERSONAL INFORMATION

Last name, first name:	Troja, Eleonora	Date of birth:	1 Feb 1981
ORCID:	0000-0002-1869-7817	Nationality:	Italian
Website:	https://eleonoratroja.wordpress.com		

EDUCATION

- 2009: Ph.D. Physics and Astronomy, University of Palermo (IT)
Advisor: Giancarlo Cusumano
- 2005: Master in Physics and Astronomy, *magna cum laude*, University of Palermo (IT)
- 2002: Bachelor in Physics and Astronomy, *magna cum laude*, University of Palermo (IT)

CURRENT POSITION

- Since 2021: Associate Professor, University of Rome - Tor Vergata, Italy

PREVIOUS POSITIONS

- 2013-2021: *Swift* Guest Investigator Program Lead, NASA Goddard Space Flight Center, US
- 2009 – 2012: NASA Postdoctoral Program (NPP) Fellow, NASA Goddard Space Flight Center, US
Advisor: Neil Gehrels

FELLOWSHIPS & AWARDS

- | | |
|---|--|
| - 2019: Premio Genio Vagante,
Fondazione il Vittoriale, IT | - 2016: Special Act Award,
NASA Goddard Space Flight Center |
| - 2018: Italian Bilateral Cooperative Award ,
Ministry of Foreign Affairs, IT | - 2011: Bruno Rossi Prize
(shared with the Fermi LAT team) |
| - 2018: Silver Achievement Medal ,
NASA Agency Honor Award, US | - 2009: NASA Postdoctoral Program Fellowship ,
NASA, US |
| - 2018: Research Prize of Excellence,
University of Maryland, US | - 2009: Canon Foundation in Europe Fellowship,
Canon Foundation, JP |
| - 2017: Young Scientist Award,
Italian Cultural Society of Washington DC | - 2007: Bruno Rossi Prize
(shared with the Swift team) |

RESEARCH GRANTS

My research is consistently awarded observing time and funds on a competitive basis. As Principal Investigator only, I was awarded over \$4M in the past ten years. The most significant awards are:

ERC Consolidator, *Black Hole Interactions And Neutron star Collisions Across the universe*: \$2M

NSF AAG, *Studying compact binary mergers from a new perspective*: \$537k

NASA ADAP, *A missing population of short duration GRBs*: \$513k

PUBLICATION RECORD (based on NASA/ADS)

220 scientific publications in international peer-reviewed journals (6 *Nature*, 13 *Science*) with a total number of **citations=26,100** and **h-index=77**.

Renowned papers (>500 cit.):	9	Very well-known papers (100-250 cit.):	40
Famous papers (250-500 cit.):	15	Well-known papers (50-100 cit.):	50

Contact author¹ only

21 scientific publications in international peer-reviewed journals (2 *Nature*, 1 *Nature Communications*) with a total number of **citations=1,800** and **h-index=16**.

Famous papers (250-500 cit.):	1	Well-known papers (50-100 cit.):	7
Very well-known papers (100-250 cit.):	5		

¹Including 19 papers signed as first author and 2 collaboration papers with alphabetical author list, for which I was the contact author.

SELECTED INVITED TALKS

In the last 10 years, I gave approximately 60 oral presentations at international conferences, among which **40 invited talks and review talks**. A list of selected talks is below:

- *Neutron star mergers across the electromagnetic spectrum*,
Gamma-ray Bursts in the Gravitational Wave Era, Yokohama (JP), 2019
- *Gamma-ray bursts in the Multi-messenger Era*, X-ray Astronomy 2019, Bologna (IT), 2019
- *Electromagnetic Counterparts of Gravitational Wave Sources*,
STScI Spring Symposium, Baltimore (US), 2019
- *Search for neutron star mergers*,
INTEGRAL looks AHEAD to Multimessenger Astrophysics, Geneve (SW), 2019
- *Gravitational Wave X-ray Follow-up*, Plenary Session - TeVPA, Berlin (DE), 2018
- *X-ray observations of GW170817*, 42 COSPAR Assembly, Pasadena (US), 2018

Highlight: selected speaker at the NSF Press Conference for the public announcement of GW170817, Panel 2

EXTERNAL APPOINTMENTS

Since 2021: Project Scientist, SIBEX, proposed to NASA's MIDEX call

Since 2018: Elected Member, IAU Commission D1 "Gravitational Wave Astrophysics"

Since 2015: Nominated Member, NASA Athena Study Team

Since 2014: Co-Chair, Athena Mission Working Group 5.6

REVIEWING ACTIVITIES

Scientific journals - MNRAS, ApJ, Nature, Nature Astronomy, and Physical Review Letters.

Funding - ERC Starting Grant (2019, remote reviewer PE2), NASA Hubble Fellowship Program (2019), NASA Astrophysics Data Analysis Program (2019 - *chair*), NASA Astrophysics Theory Program (2019), NSF Astronomy and Astrophysics (2018, 2020), and NASA Fermi Guest Investigator (2012, 2013, 2016 - *chair*)

Time Allocation Committees - NRAO (2019-2020), GMRT (2019), LBT/TNG/REM (2018-2019), HST (2014, 2015, 2019), *Chandra* (2014,2020), *INTEGRAL* (2021), *Swift* (2011,2012)

ORGANIZATION OF MEETINGS

Chair of SOC: IAU 363 "Neutron Star Astrophysics at the Crossroads: Magnetars and the Multimessenger Revolution", virtual, 2021

Member of SOC: COSPAR sessions (2014, 2020), "Gamma-ray Bursts in the Gravitational Wave Era" - Yokohama (2019), "INTEGRAL looks AHEAD to Multimessenger Astrophysics" - Geneve (2019), "GWPop - Astrophysics with Gravitational-Wave Populations" - Aspen Center for Physics (2019), "Explosive Transients: Lighthouses of the Universe" - Santorini (2013)

CAREER BREAKS

- 2015: Maternity Leave (3 months + 9 months part-time)