

Curriculum Vitae et Studiorum

Giuseppe Bono

Research Interests

Stellar Evolution, Stellar Pulsation, Stellar Populations in Local Group Systems, Cosmological Parameters.

Employment History

<i>Full Professor:</i>	2017	Dept. of Physics Univ. of Rome Tor Vergata
<i>Associate Professor:</i>	2008–2017	Dept. of Physics Univ. of Rome Tor Vergata
<i>Associate Astronomer:</i>	2000–2008	INAF–Rome Astronomical Observatory
<i>Research Astronomer:</i>	1998–2000	INAF–Rome Astronomical Observatory
<i>Research Astronomer:</i>	1990–1998	INAF–Trieste Astronomical Observatory
<i>Graduate Student:</i>	1988–1989	INAF–Trieste Astronomical Observatory
<i>Student:</i>	1981–1987	Dept. of Astronomy, Univ. of Bologna

Academic Training

<i>Postgraduate in Physics:</i>	Dept. of Physics, University of Bologna, 1989
<i>Degree in Astronomy:</i>	Dept. of Astronomy, University of Bologna, 1987, <i>Evolutionary properties of intermediate-mass stars</i> , 110/110
<i>Classical High-School:</i>	Liceo Classico, "T. Fazello", Sciacca, 1981, 60/60

National Scientific Qualification –Bando 2012/FIS05–

First, ex-aequo, at national level

Evaluation VQR (ANVUR)

The three publications submitted were evaluated Excellent (1.0)

Publications

Total:~594; Refereed: ~287; Monographies: 9; First Author: ~20%
Number of citations: 20,100, H-index: 62 [ADS-01/06/2024]
Among the 114,000 most quoted scientists all over the world, and top 2% worldwide in the field of Astrophysics (PLOS biology).

Talks

Invited talks presented at ~ 80 National and International scientific meetings

Oral contributions presented at ~ 115 National and International scientific meetings

More than 80 colloquia/seminars given in National and International Institutions

Research Experience

Graduate Student: Los Alamos National Laboratory, T-6, NM, USA, Jan–Jul, 1990

Visiting Astronomer: Los Alamos National Laboratory, T-6, NM, USA, 1991–1992

” Space Telescope Science Institute, USA, 03–05–1999; 08–09–2001

” Scientific division of ESO/Vitacura, Nov–Dec, 2000

” Dunlop Astrophysical Obs., Victoria (Canada), February, 2006

” Scientific division of ESO/Garching, 2006–2008, 1 year

” Scientific division of ESO/Garching, 2009–2010, 6 months

Visiting Scholar Kavli Institute, University of Peking, China, 2010, 1 month

Visiting Scholar Dept. of Mathematics, Univ. of Belgrade, 2011–2012, 4 months

Visiting Astronomer: Scientific division of ESO/Garching, 2012–2013, 6 months

” The Carnegie Observatories, Pasadena, 2014, 3 months

Visiting Scholar Dept. of Physics, University of Tokyo, 2015–2016, 4 months

” Nice Observatory, France, November, 2017, 1 month

” Instituto de Astrofísica de Canarias, July 2019, 1 month

” Instituto de Astrofísica de Canarias, October 2022, 1 month

” MIAPbP, Max Planck, August 2023, 1 month + April 2024, 1 month

Funds for National Projects

Co-I of 15 projects funded by MIUR and INAF

Observing time on space telescopes:

I have been co-I of HST proposal that obtained roughly 200 orbits and ~ 1500 hours on Spitzer [see Addenda]

Observing time on ESO telescopes:

I have been co-I of ESO proposals that obtained more than ~ 2400 hours of observing time at optical and NIR instruments [see Addenda]

Professional Contributions

- Scientific Editor of *GIORNALE DI ASTRONOMIA*, SAIIt popular Journal, 1997-2015
- Board of Directors of Italian Astronomical Society, 2001-2012; 2020-present
- ESO Observing Programmes Committee, member Panel:D, 2002-2003
- ESO Observing Programmes Committee, chair Panel:D, 2011-2013
- Member of the INAF–CINECA panel for Numerical Astrophysics Projects, 2002-2006
- SOC Member of International Ph.D. School Network "F. Lucchin", 2006-present
- Referee for A&A, AJ, ApJ, MNRAS, PASP, APSS
- Referee of International Ph.D. Projects
- Referee for Science Foundations (USA, Canada, Italy)
- Referee for the academic promotion process (Europe, Australia)
- Member of the Selection Committee for Master AstroMundus funded by EC 2010-2013
- Chair of the ESO Project Science Team for the Extremely Large Telescope 2012-present
- Chair of the Selection Committee for Master AstroMundus funded by EC 2014-2018
- Referee for ERC consolidator grants
- Member of selection committees (researcher, associate) Catania, Bologna, Trieste University
- Chair of the INAF selection committee for 8 permanent positions (Stars, Interstellar medium)
- Nominator for the Nobel Prize in Physics 2021 for the Swedish Academy of Science
- Referee for proposals at Japanese, Canadian (CFHT) and Opticon observing facilities:
- Co-ordinator Italian Participation to Large Synoptic Survey Telescope – October 2016
- PI of an LSST project supported by INAF – December 2016
- Member of the MAVIS (MCAO Assisted Visible Imager & Spectrograph) science team, 3rd generation VLT instrument – May 2018
- Member of the MAVIS steering committee – September 2018
- Member of the Program Committee at the Munich Institute for Astro- and Particle Physics (MIAPP) – June 2021
- Member of the International Advisory Committee (IAC) of MUltiplexed Survey Telescope (MUST) a 6.5m spectroscopic survey telescope in Qinghai, China – February 2023

Teaching Activity

- Lectures:*
- Ph.D. School of Astrophysics "F. Lucchin", Catania, 1997; Asiago, 2000; Tarquinia, 2008, Erice 2011; Teramo, 2014; IAC, Canarie 2013
 - " School of Physics, Dept. of Physics "Eotvos", Budapest
 - " NOVA Invitation, Dutch Ph.D. Students (Leiden, Groeningen)
 - " Munich Institute for Astro-Particle physics
 - The Extragalactic Distance Scale May–June 2014
 - " IAC Invitation, Ph.D. School, Canarie June 2014
- Teaching:*
- Dept. of Physics, University of Rome Tor Vergata, 2004–present
Stellar Evolution
 - " Dept. of Physics, University of Rome Tor Vergata, 2010–2019
Stellar Populations
 - " Dept. of Physics, University of Rome Tor Vergata, 2020–present
Modern Astrophysics

PhD Students: Tutor – Co-Tutor

Twenty-three PhD projects from: University of Florence, Pisa,
Rome Tor Vergata plus International Institutions [see Addenda]

Master Students: Tutor – Co-Tutor

Sixteen Master thesis from: University of Trieste, Rome La Sapienza
Rome Tor Vergata [see Addenda]

Batchelor Students: Tutor

Project for top level students (percorso di eccellenza), Rome TOV [see Addenda]

Meeting Organization

SOC Co-Chair (four) and SOC member (eight) International meetings

Editorial Activity

Co-editor of six books of proceedings