Curriculum Vitae et Studiorum

Giuseppe Bono

Personal Data

Place and date of birth:

Marital Status: Nationality:

Address: Università di Roma Tor Vergata, Dipartimento di Fisica

Via della Ricerca Scientifica 1, 00133 Roma, Italy

Phone: e-mail:

Research Interests

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

Employment History

Full Professor: 2017 Dept. of Physics Univ. of Rome Tor Vergata
Associate Professor: 2008–2017 Dept. of Physics Univ. of Rome Tor Vergata

Associate Astronomer: 2000–2008 INAF–Rome Astronomical Observatory
Research Astronomer: 1998–2000 INAF–Rome Astronomical Observatory
Research Astronomer: 1990–1998 INAF–Trieste Astronomical Observatory
Graduate Student: 1988–1989 INAF–Trieste Astronomical Observatory
Student: 1981–1987 Dept. of Astronomy, Univ. of Bologna

Academic Training

Postgraduate in Physics: Dept. of Physics, University of Bologna, 1989

Degree in Astronomy: Dept. of Astronomy, University of Bologna, 1987,

Evolutionary properties of intermediate-mass stars, 110/110

Classical High-School: 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: \sim 557; Refereed: \sim 260; Monographies: 9; First Author: \sim 20% Number of citations: 16,800, H–index: 59 [ADS–16/07/2022] 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 $\sim\!80$ National and International scientific meetings Oral contributions presented at $\sim\!115$ 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
Visiting Scholar	Nice Observatory, France, 2017, 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 \sim 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, SAIt 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 Price in Physics 2021 for the Swedish Academy of Science
- Referee for proposals at Japanese, Canadian (CFHT) and Option 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

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