

Europass Curriculum Vitae



Personal information

First name / Surname	Nicola Masetti	
Home address	Via Vittorio Alfieri n° 24, I-40069 Zola Predosa, Bologna, Italy	
Work address	Via Piero Gobetti n° 101, I-40129 Bologna, Italy	
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E-mail	nicola.masetti@inaf.it	
Nationality	Italian	
Date of birth	August 6, 1969	
Gender	Male	

Work experience

Dates	September 1, 2017 – now	
Occupation or position held	Senior Researcher at INAF/OAS (named INAF/IASF di Bologna until December 31, 2017)	
Main activities and responsibilities	Multiwavelength research on cosmic hard X-ray sources and gravitational wave sources	
Name and address of employer	INAF/OAS, via Gobetti n° 93/3, I-40129 Bologna, Italy	
Dates	July 2015 – now	
Occupation or position held	Visiting Professor	
Main activities and responsibilities	Co-tutoring and teaching activities for PhD students	
Name and address of employer	Dept. of Astrophysics, Universidad Andrés Bello, Fernández Concha 700, Santiago, Chile	
Dates	September 2002 – June 2015	
Occupation or position held	Contract Professor at the Dept. of Physics, University of Ferrara	
Main activities and responsibilities	Teacher of the “Optical Measurements” undergraduate course	
Name and address of employer	Physics Dept. Univ. Of Ferrara, via Saragat n° 1, I-44100 Ferrara, Italy	
Dates	December 21, 2001 – August 31, 2017	
Occupation or position held	Full-time Researcher at INAF/IASF, Bologna (named TeSRE/CNR institute until December 31, 2004)	
Main activities and responsibilities	Multiwavelength research on cosmic hard X-ray sources	
Name and address of employer	INAF/IASF, via Gobetti n° 101, I-40129 Bologna, Italy	
Dates	October 4, 1998 – December 20, 2001	
Occupation or position held	Fellow Researcher at TeSRE/CNR Institute, Bologna	
Main activities and responsibilities	Multiwavelength research on cosmic Gamma-Ray Bursts and X-ray binaries; calibrations of the PDS experiment onboard the <i>BeppoSAX</i> satellite	
Name and address of employer	TeSRE/CNR, via Gobetti n° 101, I-40129 Bologna, Italy	

Dates	March 15, 1998 – September 30, 1998
Occupation or position held	Bursary at TeSRE/CNR Institute, Bologna
Main activities and responsibilities	Multiwavelength research on cosmic Gamma-Ray Bursts and X-ray binaries; calibrations of the PDS experiment onboard the <i>BeppoSAX</i> satellite
Name and address of employer	TeSRE/CNR, via Gobetti n° 101, I-40129 Bologna, Italy
Type of business or sector	<p>Senior researcher in Astrophysics. More than 25 years of postgraduate work experience mainly focused on observational science using telescopes of different countries such as Italy, Spain, Australia, Chile and Argentina.</p> <p>Main research interests: multiwavelength observational study of cosmic X-ray sources, with particular attention to gamma-ray bursts, X-ray binaries, active galactic nuclei and gravitational wave sources. He is member of the GRAWITA Italian group for the multiwavelength study (from radio to gamma rays) of gravitational wave emitters. He was moreover member of an international group (GRACE), and still he is of a national one (CIBO), both devoted to the coordination of observational studies of gamma-ray bursts.</p> <p>Leader of an international team dedicated to the identification of the nature of cosmic hard X-ray sources detected with the INTEGRAL, Swift and Fermi satellites.</p> <p>VVV survey team member (vvvsurvey.org).</p> <p>He is among the INAF personnel who is involved in the future scientific use of the data gathered with the gamma-ray observatory Cherenkov Telescope Array (CTA), under construction in northern Chile and at Canary Islands (Spain).</p> <p>Author of more than 200 papers published in specialized refereed international journals, and of more than 80 conference proceedings contributions (h-index = 59).</p> <p>Editor of conference proceedings “Third Rome workshop on Gamma-Ray Bursts in the afterglow era” (Roma, 2002) and “New X-Ray Results, the Next Generation of X-Ray Observatories and Gamma Ray Burst Afterglow Physics” (Houston, 2002).</p> <p>Co-tutor of 7 Master degree students and of 4 PhD students at the University of Bologna, at the University of La Plata (Argentina), and at Pontificia Universidad Católica and Universidad Andrés Bello, both in Santiago de Chile.</p>

Education and training

Dates	March 19, 1993
Title of qualification awarded	Laurea (Master Degree) in Astronomy
Name and type of organisation providing education and training	Department of Astronomy, University of Bologna, Italy

Dates	July 22, 1997
Title of qualification awarded	Ph.D. in Astronomy
Name and type of organisation providing education and training	Department of Astronomy, University of Padua, Italy

Personal skills and competences

Mother tongue **Italian**

Other languages **English, Spanish, French**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Intermediate	C2	Advanced	C1	Advanced	C2	Advanced	C2	Advanced
C2	Advanced	C2	Advanced	C2	Advanced	C2	Advanced	C1	Advanced
A1	Basic	B1	Intermediate	A1	Basic	A1	Basic	A1	Basic

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences	Good team spirit; ability to adapt to, and work in, a multicultural environment; very good communication skills. These capabilities were acquired by working within very large and international teams, and by visiting institutes and observatories of foreign countries.
Organisational skills and competences	Secretary of International Summer School "Leonardo da Vinci" 2002, held at the CNR Research Area in Bologna, Italy, in July 2002. Member of the Local Organizing Committee of the conferences "II National Conference on Compact Galactic Objects" (Bologna, Italy, 2001) and "III Rome Workshop on Gamma-Ray Bursts in the Afterglow Era" (Roma, Italy, 2002). Peer-review referee for international journal with high impact factor, such as 'Astronomy & Astrophysics', 'Monthly Notices of the Royal Astronomical Society', 'The Astrophysical Journal', 'Publications of the Astronomical Society of Japan', 'Journal of Applied Sciences Research', 'Chinese Journal of Astronomy & Astrophysics' and 'Il Nuovo Cimento', as well as for international conference proceedings editions such as AIP Conference Proceedings and ESO Conference Proceedings - Springer Verlag.
Technical skills and competences	Analysis of astrophysical optical and X-ray data collected with telescopes or with satellites. Participation to the construction of the ROSS and ROS2 optical camera mounted on the REM robotic telescope located in the ESO astronomical observatory of La Silla (Chile). In-flight calibration of the PDS instrument onboard the BeppoSAX X-ray satellite.
Computer skills and competences	Use of IT packages for data analysis (IRAF, MIDAS, XSPEC, FTOOLS, SAOImage, GAIA, Smongo) installed on Linux platform. Use of application programmes (Word, Excel, Powerpoint) working in Windows environment. Ability of programming in BASIC and FORTRAN77 languages.
Other skills and competences	Involved in public outreach activities organized by the town council of his hometown (Zola Predosa, Italy), by the CNR at the Research Area of Bologna, by the Fondazione Golinelli in Bologna and by the University of La Plata (Argentina).
Driving licence	Italian B-type (allows driving common-type cars)
Additional information	A more detailed curriculum vitae and names of contact persons for references available on request.
Signature	Bologna, 30/4/2020 