

PERSONAL INFORMATION

Giuseppe Bianco



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Date of birth 05/11/1958 | Nationality Italian

WORK EXPERIENCE

01/01/2007–Present

Dirigente Tecnologo (Director of Technology), 1st level

Agenzia Spaziale Italiana (ASI), Matera (Italy)

- Director, ASI Space Geodesy Centre "G. Colombo" (since 2015, ongoing)
- Head, ASI Space Geodesy Unit (2014-2015)
- President, International Laser Ranging Service (since November 2013, ongoing)
- Head, Coordinating Office, Global Geodetic Observing System, 2010-2015
- Head, ASI Earth Observation Dept., 2008-2010
- Delegate, ESA Program Board for Earth Observation (PB-EO), 2008-2010
- Head, Primary Official Combination Center, International Laser Ranging Service
- President, EUROLAS
- Contract Professor, University of Basilicata, up to 2011

17/11/1998–31/12/2006

Primo Tecnologo (First Technologist), 2nd level

Agenzia Spaziale Italiana (ASI), Matera (Italy)

- Delegate, ESA Program Board for Earth Observation (PB-EO), 1997-2002
- Member of the Governing Board, International Laser Ranging Service, since 2002
- Head, Primary Official Combination Center, International Laser Ranging Service, since 2004
- President, EUROLAS, since 2002
- Contract professor, University of Basilicata, since 2002
- Manager, ASI Space Geodesy program
- Program Manager, Matera Laser Ranging Observatory
- Member, Technology Committee, IAG SC6 "The WEGENER Project"
- Contract Professor, University of Pavia, 2001-2003

01/10/1990–16/11/1998

Tecnologo (Technologist), 3rd level

Agenzia Spaziale Italiana (ASI), Matera (Italy)

- Manager, ASI Space Geodesy Centre operations
- Manager, ASI Space Geodesy program
- ASI Science Manager, CRAF/CASSINI Program
- Member, VIMS Standing Review Board, CRAF/CASSINI, 1993

- Principal Investigator, ESA ERS-1 Experiment I4,
- Principal Investigator, NASA 1185-DOSE-0156 "Research on solid earth dynamics in the Mediterranean area using Space Geodetic Techniques",
- Delegate, ESA Program Board for Earth Observation, PB-EO, since 1997
- Delegate, ESA/EOSTAG
- NASA/GSFC Group Achievement Award

01/10/1985–30/09/1990

Researcher

Consiglio Nazionale delle Ricerche (CNR), Matera (Italy)

- Space Geodesy operations (SLR, VLBI)
- Space Geodesy data analysis (SLR, VLBI)
- Technological developments (SLR, VLBI)

EDUCATION AND TRAINING

Doctoral degree in Astronomy, cum laude, 1983

University of Bologna, Bologna (Italy)

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
French	B1	B1	B1	B1	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills

- very good communication skills, thanks to a long experience in international boards, conferences and working groups
- very good teaching experience at university level
- very good experience in public outreach (articles, conferences, seminars, TV and radio interviews, etcetera)

Organisational / managerial skills

- Leadership: been in charge of several Departments of ASI; currently Director of the largest operational facility of ASI; currently President of the International Laser Ranging Service
- Long experience as manager of operational environments
- Long experience as manager of complex programs and projects
- Directed the Coordinating Office of the IAG Global Geodetic Observing System for five years

Job-related skills

- 30+ year experience in the space technology environment
- good knowledge of EO techniques and technologies
- good knowledge of optical technologies for astronomy and remote sensing
- good experience relevant to designing and operating ground stations

- long experience in international settings (ESA, IAG, IERS, etc.).

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Proficient user	Independent user	Independent user	Independent user

Digital competences - Self-assessment grid

- good knowledge of both Windows and Macintosh environments
- fair programming skills (FORTRAN, C, BASIC)
- fair experience on optical design software (ZEMAX, OSLO, MODAS)
- fair experience on astronomical and orbital mechanics software

Other skills

- playing drums, mostly in small jazz combos
- avid amateur astronomer for a lifetime
- sailing
- boatbuilding
- motorcycle riding