

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Bernardi Fabrizio**

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Nationality Italian

Date of birth 09 April 1972

Gender Male

Desired employment / Occupational field **Astronomer, research and development**

Work experience

Dates	01 September 2011 →
Occupation or position held	Director and chief executive
Main activities and responsibilities	Administration, research and software development. services.
Name and address of employer	SpaceDyS s.r.l. Via Mario Giuntini 63, 56023 Cascina (Italy)
Type of business or sector	Administrative and support service activities
Dates	01 September 2010 - 31 August 2011
Occupation or position held	Post-Doc
Main activities and responsibilities	Software development on orbit determination and management of the services NEODyS and AstDyS
Name and address of employer	Dipartimento di Matematica, Università di Pisa Largo Bruno Pontecorvo 5, 56127 Pisa (Italy)
Type of business or sector	Education
Dates	01 September 2008 - 31 August 2010
Occupation or position held	Post-Doc
Main activities and responsibilities	Software development for orbit determination and management of the services NEODyS and AstDyS
Name and address of employer	IASF-INAF Via del Fosso del Cavaliere 100, 00133 Roma (Italy)
Type of business or sector	Education
Dates	01 July 2003 - 15 August 2008
Occupation or position held	Post-Doc
Main activities and responsibilities	Observations of asteroids, search of NEOs at small solar elongation
Name and address of employer	Institute for Astronomy, University of Hawaii 2680 Woodlawn Dr., 96822 Honolulu - HI (USA)
Type of business or sector	Education

Education and training

Dates	01 April 2000 - 30 June 2003
Title of qualification awarded	Ph.D in Astronomy
Principal subjects / occupational skills covered	Search of Near Earth Objects with the Campo Imperatore Survey CINEOS
Name and type of organisation providing education and training	Dipartimento di Fisica, Università di Roma 2 Tor vergata (University) Via della Ricerca Scientifica 1, 00133 Roma (Italy)
Dates	01 September 1991 - 13 September 1999
Title of qualification awarded	Laurea Degree
Principal subjects / occupational skills covered	Mathematics, astronomy, physics, celestial mechanics, solar system
Name and type of organisation providing education and training	Università di Padova (University) Vicolo dell'Osservatorio 3, 35122 Padova (Italy)

Personal skills and competences

Mother tongue(s) **Italian**

Other language(s)

Self-assessment
European level (*)

English

French

Spanish / Castilian

Romanian

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
A2	Basic User	B1	Independent user	A1	Basic User	A1	Basic User	A1	Basic User
B1	Independent user	B1	Independent user	A2	Basic User	A1	Basic User	A1	Basic User
A2	Basic User	A2	Basic User	A2	Basic User	A1	Basic User	A1	Basic User

(*) [Common European Framework of Reference \(CEF\) level](#)

Social skills and competences - Good ability to adapt to multicultural environments, gained through my work experience abroad;
- Team spirit;

Organisational skills and competences - Leadership (currently responsible for a team of 3 people);

Computer skills and competences - Good command of Linux
- Good command of Mac
- Good command of Windows
- Good command of Microsoft Office™ tools (Word™, Excel™ and PowerPoint™);
- Good command of Fortran 90
- Good command of Matlab
- Basic command of IDL, perl and PHP

Artistic skills and competences Choral activities

Other skills and competences - Trekking
- Scuba Diving
- Volunteering on organizations for Disabled persons
- Volunteering on local organizations for social events

Driving licence(s) B

Additional information

Member of IAU

Publications:

- BERNARDI F., THOLEN D.J, MICHELI M (accepted). (25143) Itokawa Absolute Magnitude and Slope Parameter G Calibration. METEORITICS & PLANETARY SCIENCE, ISSN: 1086-9379
- MILANI A, CHESLEY S.R, SANSATURIO M.E, BERNARDI F., VALSECCHI G.B, ARRATIA O (accepted). Long term impact risk for (101955) 1999 RQ36. ICARUS, ISSN: 0019-1035
- ZAVODNY M, JEDICKE R, BERNARDI F., LARSON S (2008). The orbit and size distribution of small Solar System objects orbiting the Sun interior to the Earth's orbit. ICARUS, vol. 198; p. 284-293, ISSN: 0019-1035
- MICHELI M, BERNARDI F., THOLEN D.J (2008). Updated analysis of the dynamical relation between asteroid 2003 EH1 and comets C/1490 Y1 and C/1385 U1. MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol. 390; p. L6-L8, ISSN: 0035-8711
- THOLEN D.J, BERNARDI F., MICHELI, M (2008). Where Is Apophis?. In: AAS-DPS 2008, vol. 40, p. 27.02
- MICHELI M, BERNARDI F., THOLEN D.J (2008). Relationship between 2003 EH1 and two Historical Comets. In: 2008,AAS-DPS. Itacha, vol. 40, p. 27.03
- BOATTINI A, D'ABRAMO G, VALSECCHI G.B, CARUSI A, DI PAOLA A, BERNARDI F., JEDICKE R, HARRIS A.W, DOTTO E, DE LUISE F, PERNA D, LEONI R (2007). The Campo Imperatore Near Earth Objects Survey (CINEOS). EARTH MOON AND PLANETS, vol. 100; p. 259-271, ISSN: 0167-9295
- THOLEN D.J, BERNARDI F., TUCKER R.A (2005). Probing the Depths of the Solar System: A Tale of Two Asteroids. In: DPS meeting #37, vol. 37, p. 03.06
- BERNARDI F., THOLEN D.J (2004). High Quality Astrometry of Near Earth Objects. In: DPS meeting #36, vol. 36, p. 32.28
- BOATTINI A, DI PAOLA, BERNARDI F., DE LUISE F, CASULA V, GIUNTA A, PERNA D, NAPOLEONE N, CARUSI A, DOTTO E, VALSECCHI G.B (2004). The Campo Imperatore Near Earth Object Survey. In: DPS meeting #36, vol. 36, p. 32.22
- DI PAOLA A, LARIONOV V, ARKHAROV A, BERNARDI F., CARATTI O GARATTI A, DOLCI M, DI CARLO E, VALENTINI, G (2002). Discovery of the heavily obscured Supernova SN2002CV. ASTRONOMY & ASTROPHYSICS, vol. 393; p. L21-L24, ISSN: 0004-6361
- BERNARDI F., BOATTINI A, D'ABRAMO G, DI PAOLA A, MASI G, VALSECCHI G.B (2002). 2004 The Campo Imperatore Near Earth Objects Survey (CINEOS). In: Proceedings of ACM 2002. Berlin, Germany, BERLIN: Barbara Warmbein, p. 801-804, ISBN/ISSN: 92-9092-810-7
- BARBIERI C, BERNARDI F., BERTINI I (2001). Asteroidal background for the Wide Angle Camera of the Rosetta Mission. In: DPS2001, vol. 33, p. 1145