

PERSONAL INFORMATION

Giuseppe Greco

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WORK EXPERIENCE

01/04/2014–Present

Postdoctoral research in Astrophysics

Università Degli Studi di Urbino "Carlo Bo", Urbino (Italy)

New perspectives on the violent Universe: unveiling the physics of compact objects with joint observations of gravitational waves and electromagnetic radiation - FIRB 2012 project (RBFR12PM1F)

01/02/2010–31/01/2014

Postdoctoral researcher in Astrophysics

Istituto Nazionale di Astrofisica - Osservatorio Astronomico di Bologna - INAF-OABO
via Ranzani, 1, 40127 Bologna
<http://www.inaf.it/it>

TORTORA Project: observing the violent universe.

01/01/2006–30/04/2009

PhD student - PhD student in Astronomy - Ciclo XXI

Università degli Studi di Bologna - Dipartimento di Astronomia
via Ranzani, 1, 40127 Bologna
<http://www.fisica-astronomia.unibo.it/it>

Multiwavelength study of GRB emissions and TORTORA Project

20/07/2008–20/10/2008

PROGRAMMA MARCO POLO: funded by the Alma Mater Studiorum Bologna University for the training of young researchers abroad

SAO RAS - Special Astrophysical Observatory of the Russian Academy of Science, Nizhnij Arkhyz (Russia)

Search for and investigation of fast optical variability of relativistic object. Supervisor: G. Beskin.

01/06/2004–31/12/2004

Contratto di Collaborazione Contributivo "construction and installation of a wide-field telescope with high temporal resolution - TORTORA"

Università degli Studi di Bologna - Dipartimento Astronomia, Bologna

01/06/2005–31/12/2005

Contratto di Collaborazione Contributivo "construction and installation of a wide-field telescope with high temporal resolution - TORTORA"

Università degli Studi di Bologna - Dipartimento Astronomia, Bologna

Visiting Student at SAO RAS - Special Astrophysical Observatory of the Russian Academy of Science - supervisor G. Beskin. <https://www.sao.ru/Doc-en/>

EDUCATION AND TRAINING

PhD in Astronomy

Università degli Studi di Bologna, Bologna (Italy)

Facoltà di Scienze Matematiche Fisiche e Naturali - Dipartimento di Astronomia

Degree in Astronomy

Università degli Studi di Bologna - Dipartimento di Astronomia, Bologna (Italy)

Facoltà di Scienze Matematiche Fisiche e Naturali - Dipartimento di Astronomia

Maturità Scientifica

Liceo Scientifico E. Fermi, San Marco in Lamis (FG)

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C2	B2	C1	C1

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

Job-related skills

High Energy Astrophysics, Gamma-Ray Bursts, Radiative Processes in Astrophysics, Accretion Power in Astrophysics, Gravitational Wave Physics, Signal Processing - Singular Spectrum Analysis, Wavelet Analysis, Fourier analysis - Transient Astronomy: GCN (The Gamma-ray Coordinates Network), Optical Transient Identification: image analysis software development for the High-Speed and Wide-Field TORTORA Camera (Telescopio Ottimizzato per la Ricerca dei Transienti Ottici RApidi), 2d Singular Spectrum Analysis. CCD Stellar Photometry, PSF Fitting, Astrometry.

Digital skills

Good knowledge of Linux Ubuntu/Fedora and Windows XP/8. Good knowledge of statistical software: *R*, *Matlab*, *OriginLab*, *Tisean*, *Systat Software (AutoSignal, PeakFit)*. Very good knowledge of astronomical data analysis software: *IRAF*, *GAIA*, *WCSTOOLS*, *SAOIMAGE* e *Swif/Fermi data analysis - HEASOFT*, *FTOOLS*, *XRONOS*, *XSPEC v(1x.x)*. Good command of Microsoft Office tools.

ADDITIONAL INFORMATION

Autorizzo il trattamento dei miei dati personali ai sensi del D. Lgs. 196/2003.

Dichiaro che quanto riportato nel presente Curriculum Vitae corrisponde a verità ai sensi del D.P.R. 445/2000.