

CURRICULUM VITAE OF MARTINO MARELLI

1. Personal data:

- Born in Cantù (CO) on the 1st November 1980, residing in v. Moro 12, Gadesco Pieve Delmona (CR)
- Tel. 0372/838427, cell. 347/0439016, mail umbriel@hotmail.it, marelli@iasf-milano.inaf.it
- Civil status : single

2. Professional aims:

During the period I spent in University and in IASF-INAF Milan I've rediscovered my wish for research pointing out my creativity and my attitude for team work, to computer use and programming. I discovered I am very interested into research world and, particularly, to galactic astrophysics.

3. Studying activity:

1999: School leaving examination (taken after 5 years of "Liceo") at "Liceo scientifico G. Aselli", Cremona with 88/100 mark.

1999-2002: Pre-degree course at "Istituto Universitario di Studi Superiori", Pavia

1999-2003: Merit boarding school "Ghislieri", Pavia

2004: Work formation course FSE in Pavia organized by COR – University of Pavia

May 2004: Seminar on GPS systems and geodesy held by prof. Bertotti

September 2004: Italian degree of Laurea in Physics with Astrophysics specialization at the University of Pavia with 106/110 mark and degree thesis on Mercury's core using data from Bepi-Colombo mission

2005- 2006: Master's degree on "Nuclear Technology and Ionizing Radiation organized by University of Pavia, "Istituto Universitario di Studi Superiori" and Merit boarding school "Ghislieri", Pavia

10/2007 : Beginning of the PhD doctorate in astronomy and astrophysics at the University of Insubria

08/2008 : Partecipation at "Urbino High Energy Astrophysics Summer School"

4. Foreing languages:

Good knowledge of english language both in speking, writing and reading.

5. Computer knowledges:

- Knowledge and capability to use “Turbo Pascal” language
- Knowledge and capability to use C++ language
- Knowledge and capability to use Python language
- Knowledge and capability to use Spenvis, Creme96, Omere, Esabase and Dosrad tools
- Knowledge and capability to use Spice tool
- ECDL certificate (European Computer Driving Licence)
- Knowledge and capability to use Linux
- Knowledge and capability to use ftools and SWIFT, Fermi, AGILE, XMM and Chandra softwares

6. Working activities:

1996-1997: Guide at popular shows on maths and physics in Cremona

2005-2006: Half-year stage at Alcatel Alenia Space – Italy. Study and collaboration on the Radiation Assurance for Amos3, Bepi-Colombo, Cosmo, Lisa Pathfinder, Conexpress, Sicral1B, Gaia projects.

2006-2007: Research work at IASF-INAF of Milan on the study of high-energy astrophysics; collaboration with Swift and Agile groups; admission to Fermi group

04/2007 : Scholarship “Gianpaolo Petrocchi” in Astronomy and Nuclear Physics

09/2008 : Flare Advocate inside the Fermi LAT collaboration

12/2008 : Collaboration with the ASI Science Data Center (Roma, Italy); analysis of row AGILE data.

7. Publications:

- Esposito, P. et al., 2007A&A...474..575E – “Swift/XRT monitoring of five orbital cycles of LSI +61 303”
- Abdo, A. et al., 2008Sci...322.1218A – “The Fermi Gamma-Ray Space Telescope Discovers the Pulsar in the Young Galactic Supernova Remnant CTA1”
- Bulgarelli, A. et al., 2008A&A...489L..17B – “Long-term AGILE monitoring of the puzzling gamma-ray source 3EG J1835+5918”
- Marelli, M. on behalf of FERMI collaboration, 2008Atel.1707....1M – “Fermi LAT detection of 3C 273 in flaring state”
- Marelli, M. on behalf of FERMI collaboration, 2008Atel.1701....1M – “Fermi LAT detection of a possible new gamma-ray flaring blazar: PKS 1454-354”
- Abdo, A. et al. 2009Sci...325..840A “Detection of 16 Gamma-Ray Pulsars Through Blind Frequency Searches Using the Fermi LAT”
- Abdo, A. et al., 2010ApJS..187..460 “The First Fermi Large Area Telescope Catalog of Gamma-ray Pulsars”

- Abdo, A. et al., 2010ApJ...712.1209 “Fermi Large Area Telescope Observations of PSR J1836+5925”
- Caraveo, P. et al., 2010 ApJ (waiting for approvation) “X-ray pulsations from the radio-quiet gamma-ray pulsar in CTA-1”

8. Interests and personal features:

Since 2006 I've been studying opera singing at civic school of Cernusco S/N (Milan) and since 2007 privately with master Giorgio Lormi. I've been frequented a course of medieval fencing for over two years and a course of yoga for about 4 years.

Since 2001 I am a blood donor.