



## Personal information

Surname / First name

Address

Telephone

Email

Nationality

Date of birth

Website

LinkedIn

Public repository

Current Position

### Ziosi Brunetto Marco

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Italian

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<https://www.linkedin.com/in/brunettoziosi>

<https://github.com/brunetto>

PhD student since 01/2012 at University of Padova - Department of Physics and Astronomy

**PhD Fellowship funded by:** Strategic Research Project AACSE - Algorithms and Architectures for Computational Science and Engineering

PhD Thesis submission expected in July 2015

## Education & Employment

2015/01-2015/07

INAF-OAPd fellowship to work on the project: "Study of gravitational waves sources in young star clusters by means of direct N-body simulations."

2012-2015

PhD School in Astronomy - Department of Physics and Astronomy, University of Padova

2007-2011

Master Degree Thesis in Astronomy - Department of Physics and Astronomy, University of Padova

2004-2007

Bachelor Degree Thesis in Astronomy - Department of Physics and Astronomy, University of Padova

## Teaching experience

2012-2013

- Teaching assistant - Department of Physics and Astronomy, University of Padova, Mathematical Analysis
- Teaching assistant - Department of Physics and Astronomy, University of Padova, Python course

## Schools and Workshops

2014

- **Tools and Techniques for massive data analysis**, CINECA (Bologna), 15-16 December 2014
- **Perspectives of GPU computing in Physics and Astrophysics**, Dep. of Physics of Sapienza - Rome, 15-17 September 2014 (poster)

2013

- **Workshop on High Performance Scientific Computing**, Strategic Research Project AACSE, Department of Information Engineering - Padova, 9 September 2013
- **PhD Summer School on High Performance Scientific Computing**, Strategic Research Project AACSE, Department of Information Engineering - Padua, 16-18 September 2013 (contributed talk)

2012

- **Summer School of Parallel Computing**, CINECA (Bologna), 2-13 July 2012

2011

- **PhD Summer School on Algorithms and Architectures for Computational Science and Engineering**, Departement of Information Engineering - Padua, 12-16 September 2011 (contributed talk)
- **Workshop on Visualization of Large scientific Data**, CINECA (Bologna), 14-15 June 2011
- **Python for computational science**, CINECA, 16-18 May 2011
- **Introduction to GPGPU and CUDA programming**, CINECA (Bologna), 27 April 2011

## Other courses and experiences

2014

Amazon Web Services Cloud School, 24 July 2014, Milano

2007

Certificate of digital data analysis expert (FSE european course)

## Language skills

Italian (Mother tongue), English (fluent)

## Computer skills

OSs

Linux, MacOS, Windows

Scripting/Programming Languages

Python, Go, Bash, C/C++, Matlab/Octave, Fortran

Data Analysis/Plotting tools

Veusz, Matplotlib/Pylab

Markup Languages/Web

LaTeX, Markdown, HTML, Javascript

Graphics

Inkscape, Gimp, ImageMagick, Blender

Presentation

Beamer, Sozi/Inkscape, Prezi, PowerPoint, Javascript based (Remark)

Office/Internet

MSOffice, LibreOffice/OpenOffice, Chrome, Internet Explorer, Firefox, Opera, Outlook, Thunderbird

Web

Hugo, Nikola, Pelican, Wordpress, Blogger

Others

Git, MongoDB, MySQL, PostgreSQL

## Other interests

Volunteering with A.G.E.S.C.I. (Wood Badge 17/03/2012-356) and Protezione Civile (Civil Defense)

Digital Photography

Piano and guitar

Travelling

Mapping and geo-data manipulation (OpenStreetMap project)

## Signature

