



Personal information

Surname / First name

Address

Telephone

Email

Nationality

Date of birth

Website

Public repository

Current Position

Ziosi Brunetto Marco

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Italian

03/05/1985

brunettoziosi.eu

<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-present

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 (excellent), MacOS (excellent), Windows (excellent)

Scripting/Programming Languages

Python (excellent), Go (excellent), Bash (excellent), C/C++, Matlab/Octave, Fortran

Data Analysis/Plotting tools

Veusz (excellent), Matplotlib/Pylab (excellent)

Markup Languages/Web

LaTeX, Markdown, HTML, Javascript

Graphics

Inkscape, Gimp, ImageMagick, Blender

Presentation

Beamer, Sozi/Inkscape, Prezi, PowerPoint

Office/Internet

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

Others

Git, MySQL, PostgreSQL

Other interests

Volunteering with A.G.E.S.C.I. and Protezione Civile (Civil Defense)

Digital Photography

Piano and guitar

Travelling

Mapping and geo-data manipulation

Signature

