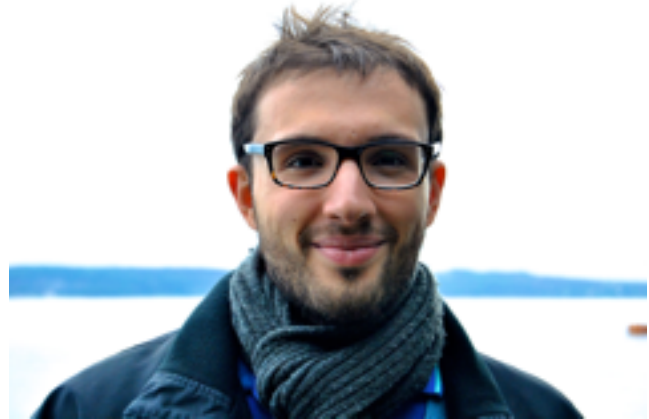


MARCO DE PASQUALE

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Licensed

Education

- Now : PhD student at *Università degli studi di Trieste*, in collaboration with OGS (*National Institute of Experimental Oceanography and Geophysics*)
- Attendance at the workshop on *High Performance Computing* at *SISSA*, Trieste, Italy, from the 24th to the 26th February 2016
- Attendance at the “*Hands-On Research in Complex Systems School*”, held at *the Abdus Salam International Centre for Theoretical Physics (ICTP)* in Trieste, Italy, from the 28th of June to the 10th of July 2015
- Attendance at the *11th Advanced School on Parallel Computing*, held at *CINECA* (Casalecchio di Reno, Bologna, Italy) from the 9th to the 13th of February 2015
- *Università degli studi di Trieste*, Master Degree in Physics, cum laude, on the 18/07/2014. Title of thesis: “*Multiscale Seismic Interferometry: from structural models to computation of synthetic seismograms in laterally heterogeneous media*”
- Attendance at the conference “*Protecting from earthquakes: current problems and innovative solutions*”, held at *Villa Manin* (Udine), Italy, on the 4/10/2013, in collaboration with *the Abdus Salam International Centre for Theoretical Physics (ICTP)*
- *Università degli studi di Trieste*, Bachelor Degree in Physics on the 24/09/2012. Title of thesis: “*Generation of acoustic waves by seismic sources*”
- Qualifying examination to the job of tourist helper, with a 30/30 mark. Interview in english, organised by the municipality of Trieste in 2012
- Visit to *CERN* laboratories, from the 24th to the 26th February 2012
- Visit to *National INFN* laboratories, on the 10th December 2010
- *Liceo Scientifico G. Oberdan*, in Trieste, High School diploma on 2008/2009 academic year

- Meeting and discussion with Mr. Richard Parsons, president of multimedia group *Time Warner*, with subject “*Young People and Media*”, organised by the “Osservatorio Permanente Giovani-Editori”, held in Firenze on the 6th October 2008
- 10th place at *Certamen Latinum* organised by *Rotary Club Trieste Nord*, competition between high school students held in Trieste on the 5th May 2008
- Publication of an essay on the magazine “*Il piacere di scrivere*”, a collection of compositions supervised by teachers of Liceo Scientifico *G. Oberdan*, academic year 2007/2008

Professional Experiences

- Teaching tutor for the department of Mathematics and Geosciences of *Università degli Studi di Trieste*, from the 30th October to the 23rd December 2015
- Active member of the scientific divulgation team of *Università degli Studi di Trieste* from June 2014 to February 2015
- Collaboration with the Department of Geosciences of *Università degli Studi di Trieste* for the project “*PNRA 2009-2014: Broadband seismology, lithospheric structure and geodynamics in the Scotia Sea region*”, 1st September - 31st October 2014
- Collaboration with the Physics Department of *Università degli Studi di Trieste* in teaching activities, 1st June - 30th September 2014
- Teaching Tutor: at Physics Department of *Università degli Studi di Trieste*, 20th October - 20th December 2013 and at Department of Geosciences of *Università degli Studi di Trieste* 28th April - 18th July 2014
- Presentation of the Master Degree in Earth Physics to the High School students at *Università degli Studi di Trieste*, on the 10th June 2013

Abilities

- Good knowledge of mathematics applied to physics
- Good knowledge of Earth System Physics, from Seismology to Fluid dynamics and Oceanography
- Programming Languages: Fortran (77,90,95,2003), good knowledge of Python, only basic knowledge of C,C++; Operating Systems: Windows 2000/XP/vista/7/8/10, Linux (Ubuntu), Mac Os X; Applications: Office, Lab View, Root, Mathematica, LateX, Matlab

- Good organisation and problem solving abilities, improved during the studies
- Great co-operation capabilities, enhanced thanks to the interaction with other students, even in international framework
- Good listening and communication abilities, improved by the experiences as teaching tutor for young students and as science divulgator

Languages

- ENGLISH: good knowledge of spoken and written language; scientific english exam held at *Università degli Studi di Trieste* on 5/03/2010

Interests

- Music: Drums
- Sport: Basketball player