

Antonio Benvenuti

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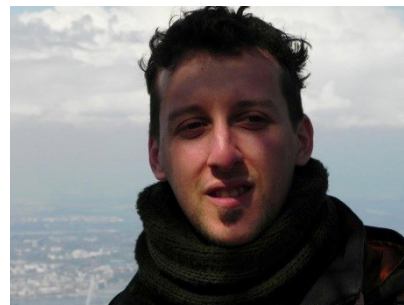
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Personal

Born in Montevarchi (AR), Italy, May 04, 1985; Italian citizen.

Lived in Utrecht, The Netherlands from May 01, 2010 to November 30, 2010.

Living in Geneva, Switzerland since September 01, 2011

Current position

I started a 4 year PhD position at the University of Geneva under the supervision of Prof. Andrea Moscariello in April, 1st, 2012.

Project is: “Sedimentology and architecture of tunnel glacial valleys. Examples from Ordovician and Pleistocene glaciations in North Africa and NW Europe”.

The main tasks of the project are:

- detailed interpretation of geometries of filling outwash sediment of tunnel valleys on seismic volumes from Southern North Sea and North Africa glacials;
- study of outcrops in Morocco (Ordovician in Tazakka Massif) for analogues associations;
- study of sediment samples (mineralogical, geochemical, petrological and paleontological studies) to provide sediments age and provenience.

Seismic interpretation is provided by the use of the software Petrel 2011 (Schlumberger).

Scientific Interests

I am interested in Sedimentary Geology and Structural Geology. For my graduation I achieved basic and advanced skill in field mapping, facies analysis, sequence stratigraphy and structural geology. Thanks to the internship experience in TNO (Utrecht) I have been introduced into 3D-Seismic data analysis that I would like to deepen with further research opportunities. I am also interested on analogical modeling of single sedimentary process up to depositional systems.

Publications:

Late Cenozoic shelf delta development and Mass Transport Deposits in the Dutch offshore area – results of 3D seismic interpretation - (in press) – A., Benvenuti, H., Kombrink, J.H., ten Veen, D.K., Munsterman, F., Bardi & M., Benvenuti. Netherlands Journal of Geosciences — Geologie en Mijnbouw | 91 – 4 | 591 - 608 | 2012

Education

- **Master** GeoResources and Ambient, April 2011

Università di Firenze, Facoltà di Scienze Matematiche Fisiche e Naturali

Earth science department, 110/110 cum laude

Mass transport complexes of the Plio-Pleistocene Eridanos Delta (Southern North Sea) – Characteristics and causes (Written in english)

The subject of the thesis has been the characterization of submarine landslides using both kinematic indicators and seismic stratigraphy concepts through the interpretation of 3D-Seismic data. The software Petrel, vers. 2009 has been used with the aim to both visualize and interpret the 3D-Seismic data.

Tutor: Prof. Marco Benvenuti (University of Florence)

Co-tutor: Dr. Henk Kombrink (TNO – The Geological Survey of The Netherlands, in Utrecht, now working for Total in Aberdeen, Scotland)

Co-tutor: Dr. Johan Ten Veen (TNO – The Geological Survey of The Netherlands, in Utrecht)

- **Bachelor of Science** Geology, July 2008

Università di Firenze, Facoltà di Scienze Matematiche Fisiche e Naturali

Earth science department, 104/110

Studio geologico del margine occidentale dell'area mineraria di Santa Barbara (AR) – Geologic study of the western margin of Santa Barbara's lignite-mine.

Tutor: Prof. Massimo Coli (University of Florence)

- **Short course** *Seismic Structures: Interpretation and 2D/3D Model Building and Validation*, September 12-16, 2011

University of Pavia,

Earth Science Department

Tutor: Claudio Turrini (Geological consulting)

Main Field Experiences

Geological excursion, Jylland, Denmark

October 2010

Chief Scientist: Henk Kombrink

Co-Chief Scientist: Erik S. Rasmussen

Stratigraphy and depositional evolution of the uppermost Oligocene-Miocene succession in Jylland, western Denmark.

Under the supervision of the Petroleum Geologische Kring (PGK)

Geological field work, Alpi Apuane, Italy

June, 2006

Chief Scientist: Prof. Nicola Cipriani (University of Florence)

Co-Chief Scientist: Prof. Mauro Papini (University of Florence)

Stratigraphy and facies analysis of the Tuscan Units.

Under the supervision of the University of Florence

Stage

Internship by the Erasmus Placement project at the TNO (The Geological Survey of The Netherlands) (Utrecht, The Netherlands).

01 May-30 November 2010

Tutors: Henk Kombrink and Johan Ten Veen.

Mass transport complexes of the Plio-Pleistocene Eridanos Delta (Southern North Sea) – Characteristics and causes.

This stage has been propaedeutic for the master thesis.

Job experiences

- Hydrogeologist

For Paolo Accolti, GIL

May 31, 2001 to June 03, 2011

Analysis of underground water's piezometric level in public and private wells by the use of piezometers.

- Assistant fellowship position

Department of Geology and Paleontology at the University of Geneva, Switzerland

September 01, 2011 to December 31, 2011.

Analysis of 3D seismic data by the use of Petrel vers. 2011 and OpendTect vers. 4.2. Analysis of seismic sections of different types and with different aims. Preparation of exercises for students attending a seismic interpretation course supervised by prof. Andrea Moscariello at the Faculty of Earth Sciences at the University of Geneva.

Supervisor: Prof. Andrea Moscariello

Personal skills

Mother language:

ITALIAN

Other languages:

ENGLISH (fluent)

FRENCH (fluent)

SPANISH (basic)

Softwares:

Operating Systems:

Windows based platform

Unix based platform

Software:

Office package (good)

Adobe Photoshop (good)

Adobe Illustrator (very good)

Gimp (good)

Inkscape (good)

Gis Arc View	(basic)
Petrel, 2009-2011	(very good)
OpendTect	(good)
Move	(good)

Other skills:

Highly motivated person, especially on teamwork situations;
Well disposable to business trips and to live abroad.