

Andrea Semenzato



ACADEMIC QUALIFICATIONS

University of Padova, Department of Geosciences **2016 - 2018**

Master degree: GEOLOGIA E GEOLOGIA TECNICA
110/110 cum Laude

University of Padova, Department of Geosciences **2013 - 2016**

Bachelor degree: SCIENZE GEOLOGICHE
110/110 cum Laude

Liceo Scientifico Giordano Bruno (VE) **2008 - 2013**

Scientific secondary school diploma
97/100

ACADEMIC EXPERIENCE

My master project was part of a collaboration under the Horizon 2020 PLANMAP project. I have benefited from the experience of working with a pan-European research group of planetary sciences, focusing on planetary mapping, within the following organizations:

The Open University, Milton Keynes, UK

April - July 2018

Under the supervision of Prof. David A. Rothery, Dr. Matthew R. Balme, and Mercury mapping PhD students, within the Department of Physical Sciences.

CNR/INAF, Rome, ITALY

February 2018

Under the supervision of Dr. Valentina Galluzzi.

I subsequently presented a **Poster** displaying my master project at the **EPSC - European Planetary Science Congress 2018**, held in Berlin, 16th-21st September, within the Terrestrial Planet (TP1) session, taking part to the OSPA – Outstanding Student Poster Award Contest.

PERSONAL DETAILS

Address: Via Monte Berico, 1
Mestre (VE), 30174
ITALY

Born: 27/05/1994, Venice, Italy

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AREAS OF EXPERTISE

ArcGIS

Geologic Mapping

Remote Sensing

Earth Observation

Image processing

Planetary Geology

3D-modelling for natural environments

SKILLS

High experience in the following software:

- ESRI ArcGis Desktop: geologic mapping and geographic spatial analysis
- Midland Valley's MOVE: 3D-models and subsurface geology
- IDL ENVI and ENVI Classic: image and spectra processing and remote sensing analysis
- MATLAB: numerical computing environment for modelling geologic processes
- USGS ISISv3: digital image processing for planetary data
- Cubase/Pinnacle Studio: Audio/video editing and processing
- Microsoft Office software (Word, Excel, PowerPoint, Publisher)

PUBBLICATIONS

Semenzato, A., Massironi, M., Pozzobon, R., Galluzzi, V., Rothery, D.A., Ferrari, S. 2018. Discovering Rembrandt basin's subsurface and Enterprise Rupes: 3D-model based on stratigraphic mapping and structural analysis. *EPSC Abstracts - Mercury Science and future exploration*. Vol. 12, EPSC2018-344, European Planetary Science Congress 2018.

Semenzato, A., Massironi, M., Galluzzi, V., Rothery, D.A., Ferrari, S., Pozzobon, R. 2018. Stratigraphic and structural analysis of the Rembrandt basin and Enterprise Rupes, Mercury. *IECG Abstract - Planetary Geology and Earth Analogs*. ID: sciforum-019223. 1st International Electronic Conference on Geosciences 2018.

LANGUAGE CERTIFICATIONS

C2 EFSET Level/Council of Europe Level – obtained after an academic course of one month, attended in San Diego, California (USA) - *August 2018* - at EF International Language Centre - San Diego Point Loma, 31/08/2018

B2 Reading and Listening
- Language Centre -
University of Padua,
09/02/2017

WORKSHOPS

*“Introduction to PNL –
tecniche di Programmazione
Neuro-Linguistica per la
comunicazione”* 2012
Training course on
communication techniques for
oral presentations.

SCHOLARSHIPS

University of Padova: *Borse di studio per merito “Mille e una lode”* 2016/2017
Scholarship awarded to best students (3% for each degree course) on the basis of grade coefficient.
www.unipd.it/incentivi-merito

Ryla Junior Project (Rotary Youth Leadership Awards) September 2012
Training programme offered to deserving young students selected from secondary schools in the province of Venice, focused on developing leadership and teamwork skills.
www.rotary.org/en/our-programs/rotary-youth-leadership-awards

PROFESSIONAL EXPERIENCE

Lecturer in seminars for students February 2018
10 hours of lessons on “Introduction to Geology and Earth Sciences” for students from middle and secondary school, held at *Istituto Comprensivo Paritario Berna (Venice)*.
<https://istitutoberna.eu/icp/secondaria-main/bacheca/item/108-il-racconto-di-una-terra-viva...-classi-terze-a-lezione-di-geologia>

Sport instructor and educator 2011-now
Over eight-year-experience in sports coaching (qualified football instructor), educator and summer camp entertainer for kids up to 18-years-old: developed skills in planning, communication, teamwork, decision making and creativity.