

PERSONAL INFORMATION **Stefania Corvò**

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 [linkedin.com/in/stefania-corvò-b9a84680](https://www.linkedin.com/in/stefania-corvò-b9a84680)

Sex Female

Date of birth 08/03/1993

Nationality Italy

CURRENT POSITION

October 2018 – Nowadays

PhD Student

University of Pavia - Department of Earth and Environmental Sciences

Project title *Determination of P-T-t paths from lithospheric shear zones: links between deformation, magmatism and metamorphism*

Supervisors Dr. Matteo Maino
Dr. Antonio Langone
Dr. Schenker Filippo Luca
Prof. Sandra Piazzolo
Prof. Seno Silvio

ACADEMIC CAREER

March 2018 – September 2018

IGG-CNR Scholarship

Institute of Geosciences and Earth Resources, Pavia (IGG - CNR)

Project title *Geochemical characterisation (LA-ICPMS and FTIR) of nominally anhydrous minerals (NAMs) of peridotitic bodies in the Ivrea-Verbano zone (Southern Alps).*

Supervisors Dr. Alberto Zanetti
Dr. Antonio Langone

September 2015 – September 2017

University of Pavia

Department of Earth and Environmental Sciences

29/09/2017 Master's Degree in Applied Earth Sciences to Civil and Environment Engineering

Degree Mark 110/110 cum Laude

Title of manuscript *Water content in nominally anhydrous minerals (NAMs) from the Finero complex (Italy).*

Supervisors Dr. Alberto Zanetti
Dr. José Alberto Padròn-Navarta
Dr. Antonio Langone

September 2012 –October 2015 **University of Genova**
Department of Earth and Environmental Sciences

22/10/2015 Bachelor's Degree in Earth Sciences

Degree Mark 110/110 cum Laude

Title of manuscript *Determination of natural land values in the landslide area of Prato Casarile (Genova): environmental aspects in order to reinstate the site.*

Supervisors Prof. Pietro Marescotti
Prof. Gerardo Brancucci
Dr. Geol. Eugenio Poggi

EXPERIENCES ABROAD

October 2019 – December 2019 **PhD Mobility Periods at University of Leeds (UK)**
February 2019 – March 2019

Tasks Microstructural studies by the electron backscattered diffraction analysis (EBSD) and scanning electron microscope (SEM) on HP-HT metamorphic rock samples for the development of the PhD research.

March 2017 – July 2017 **Erasmus Traineeship at CNRS – Geosciences, Montpellier (France)**

Tasks Water content (OH) studies by means of FTIR technique in nominally anhydrous minerals (NAMs) such as olivine and pyroxene of Finero peridotite (Southern Alps, Italy)

CONFERENCES AND SEMINARS

7-10/10/2019 **International School entitled “Structure and Composition of the Lower Continental Crust”**

organized by University of Pavia, in collaboration with the Institute of Geosciences and Earth Resources (National Research Council of Italy), the Italian Group of Petrology and the Italian Society of Mineralogy and Petrology.

Abstract submission (poster): **“Timing and deformation features of shear zones at different crustal levels (Val d’Ossola, Ivrea-Verbano Zone, Western Alps)”**.

16-19/09/2019 **Il tempo del pianeta Terra e il tempo dell’uomo: Le geoscienze fra passato e futuro**

organised by: Società Geologica Italiana (SGI) e Società Italiana di Mineralogia e Petrografia (SIMP), Istituto Nazionale di Geofisica e Vulcanologia (INGV).

Abstract submission (oral presentation): **“Determination of P-T-t-d path in a high-grade shear zone: petro-chronological and microstructural study from the Cima di Gagnone (Adula-Cima Lunga nappe, Central Alps)”**.

Abstract submission (oral presentation): **“Petrological and geochronological constraints of a shallow intrusion into the Variscan medium-grade metamorphic sequence of the Asinara Island (Sardinia)”**.

- 04-08/09/2019 **The 14th Emile Argand Conference on Alpine Geological Studies**
 organized by
 Abstract submission (poster): *"Dating of HP/HT Alpine metamorphism: petro-chronological and micro-structural study from the Cima di Gagnone (Cima Lunga unit, Central Alps)"*.
- 27/05/2019 **Course "Frontiers in ICP-MS/MS Application in Earth and Environmental Sciences"**
 organised by: the PhD Program in Earth and Environmental Sciences of the University of Pavia in cooperation with IGG-CNR, Agilent and SIMP.
- 12-14/09/2018 **Geosciences for the environment natural hazards and cultural heritage**
 organised by: Società Geologica Italiana (SGI) e Società Italiana di Mineralogia e Petrografia (SIMP), Istituto Nazionale di Geofisica e Vulcanologia (INGV).
- Abstract submission: *'Water content in nominally anhydrous minerals (NAMs) from subcontinental mantle bodies of the Ivrea-Verbano Zone (Southern Alps)'*.
- 26-28/06/2018 **EMAW2018 – 3rd European Mantle Workshop**
 organised by: Institute of Geosciences and Earth Resources (IGG - CNR), Società Italiana di Mineralogia e Petrografia (SIMP), Gruppo Nazionale di Petrografia (GNP), Istituto Nazionale di Geofisica e Vulcanologia (INGV), Società Geochimica Italiana (SGI) e Università degli Studi di Pavia (UNIPV).
- Abstract submission (poster): *'A geochemical characterisation (EMPA and LAICPMS) of Finero peridotite (Southern Alps, Italy)'*.
- Abstract submission (poster): *'Water content in nominally anhydrous minerals (NAMs) from peridotite bodies of the Ivrea-Verbano zone (Southern Alps, Italy)'*.
- 06/09//2017 **Geosciences: a tool in a changing world**
 organised by: Società Geologica Italiana (SGI) e Società Italiana di Mineralogia e Petrografia (SIMP), Istituto Nazionale di Geofisica e Vulcanologia (INGV). [p](#)
- Abstract submission (oral presentation): *'Hydrogen content in nominally anhydrous minerals from Finero peridotite (Italy)'*.
- PRIZE "Giuseppe Schiavinato" Prize 2018 for the best Italian Master Thesis in the Mineralogic Sciences field with links to petrological applications.**
 Released by **Accademia Nazionale dei Lincei, Rome**

EDUCATION COURSES

- 19 - 21 July 2019 Field trip Course in the Western Alps, Chenaillet-Monginevre
- 27 May 2019 Frontiers in ICP-MS/MS Application in Earth and Environmental Sciences Course
- 23 – 24 May 2019 Vajont landslide: The meaning of a disaster field course
- 6 November 2018 "Sulfide Differentiation at the Upper Mantle and Lower Crust: Ocean Research and Potential Implications for the Crust-Mantle Boundary in the Ivrea Zone" presented by Jakub Ciazela
- October 2019 Science communication course for the realization of scientific report and video
- October 2018 – January 2019 Physical properties of minerals and rocks hold by Ross Angel (48 h)

TEACHING AND MENTORING EXPERIENCE

March 2019 – June 2019 Tutoring (20h), for Bachelor degree course in Petrography and microscopy laboratory for rock thin sections identification;
Supervisor: Prof. Riccardo Tribuzio

Tutoring in the field trip of the Master course “Geomechanics models applied to seismic interpretation”;
Supervisor: Dr. Giovanni Toscani, Dr. Matteo Maino

2019 Bachelor Degree Co-tutor of Maria Vittoria Betuschi, Bachelor Thesis: “Caratterizzazione petrografica del complesso metamorfico in Val D’Ossola (zona Ivrea-Verbano): indagini geocronologiche preliminari;

Master Degree Co-tutor of Eleonora Zangara, Master thesis: “Petrological and geochronological constraints of a shallow intrusion into the Variscan medium-grade metamorphic sequence of the Asinara Island (Sardinia).

LINGUISTIC SKILLS

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English Method of learning: scholastic and private lessons	B2	B2	B2	B2	B2
First (FCE) - Intermediate					
French Method of learning: scholastic and language course	B1	B1	B1	B1	B1
Pre-Intermediate					

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

LINGUISTIC EXPERIENCES

European Union program

ERASMUS
Duration: 4
Country:
FRANCE

Malta lingua

School Intensive
English Course
Duration: 3 weeks
Country: Malta

TECHNICAL SKILLS

- Good knowledge in the thin section preparation (cutting, polishing, coating)
- Good knowledge in the use of specific instruments for petrographic, microstructural, geochemical and geochronological analysis:
 - SEM-TESCAN VEGA (scanning electron microscopy)
 - SEM-FEG (field emission gun scanning electron microscopy)
 - EBSD (electron back-scattered diffraction)
 - LA-ICP-MS (Laser Ablation Inductively Coupled Plasma Mass Spectrometry)
 - FTIR (Fourier Transform InfraRed spectroscopy)
 - EMPA (Electron Microprobe)

**COMPUTER AND
SOFTWARES SKILLS**

- Good knowledge of Microsoft Office tools, Internet and e-mail.
- Basic knowledge (video writing, graphics, Photoshop, Illustrator, sound, images, CAD)
- Operating systems (Windows and Linux)
- Applications (Word, Excel, Powerpoint Access)
- Good knowledge of open source software (Q-GIS)
- Good knowledge of data processing and charts for articles (OPUS, Matlab, Sigma Plot)
- Good knowledge of specific software for data treatments (GLITTER, AzteclCE, PerpleX)

**ACADEMIC ACTIVITY
AND MEMBERSHIPS**

Member of the Earth and Environmental Science Department council of Pavia as PhD students delegate (2018-2020)

Member of the Earth and Environmental Science Department council of Genova as Bachelor students delegate (2013-2015)