

GIULIA MINGARDI

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PERSONAL INFORMATION

Date of Birth: 19th May 1998

Place of Birth: Brescia, Italy

Nationality: Italian

EDUCATION

Oct 2020 - Present **Istituto Universitario di Studi Superiori (IUSS)**, Master in Science and Technology, Pavia, Italy

Oct 2020 – Present **University of Pavia**, Master in Applied Geology, Pavia, Italy

Aug 2021 – Nov 2021 **Seoul National University**, Traineeship at Earth Sciences Department, Seoul, South Korea.

- *Project:* A chemical look into the shergottite mantle source dynamics: Major and trace element analysis and Pb isotope systematics of Martian meteorites
- *Supervisor:* Prof. Jung-Woo Park
- SEM, EMPA, LA-ICP-MS, nanoSIMS

Sep 2019 - Feb 2020 **École Normale Supérieure**, Erasmus Traineeship at Earth Sciences Department, Paris, France.

- *Project:* P and T conditions inferred from zircon in pyrope from Dora Maira Massif, UHP unit, Western Alps
- *Supervisor:* Prof. Christian Chopin
- Raman spectroscopy, optical microscopy, fitting data (OriginPro)

Oct 2017 - Jul 2020 **University of Pavia**, Bachelor of Earth Sciences, Pavia, Italy

- *Final mark:* 110/110 cum laude with Honors
- *Thesis:* P and T conditions inferred from zircon in garnets from Dora-Maira, UHP Unit, Western Alps. The Thesis is part of the project TRUE DEPTH funded by ERC (European Research Council)

- *Supervisors:* Prof. Matteo Alvaro, Prof. Christian Chopin, Dr. Nicola Campomenosi
- Oct 2017- Present **Ghislieri College**, Pavia, Italy
- Additional classes (including the study of foreign languages, meetings, conferences) and accommodation for students selected through a national competition
- Sep 2012 – Jul 2017 **Liceo Scientifico A. Calini**, High School Degree, Brescia, Italy
- *Final Grade:* 90/100

AWARDS AND AKNOWLEDGEMENTS

28th Sclocchi Award **Bachelor's and 2nd level master first prize 2020**

ATTENDED SEMINARS AND MEETINGS

- 29 Aug - 2 Sept 2021 **3rd European Mineralogical Conference**, Cracow, Poland
- Oct 2021 – Feb 2022 **Intensive lecturer series “Mineral Physics I”**
Short course of mineral physics organised by the Bayerisches Geoinstitut, University of Bayreuth given by professor Tomoo Katsura.
- 1 - 9 Oct 2019 **Geological Campaign in the Western Alps.**
Workfields organised by University of Pavia and École Normale Supérieure, Western Alps, Italy.
- Oct 2019 **Metamorphism, equilibrium versus kinetics.**
Scientific Day at “École Normale Supérieure de Paris”, Paris, France.
- 16 – 19 Sep 2019 **Il tempo del pianeta Terra e il tempo dell'uomo: le geoscienze tra passato e futuro.**
Annual SIMP, SOGEI and SGI Congress, Parma, Italy.

MAIN RESEARCH TOPICS

- Elastic geo- Investigation of elastic behaviors of host-inclusion mineral
thermobarometry: system by means of petrology and mineralogy.
- Planetary geology: Geochemical and mineralogical approach for the study of
meteorites (Martian shergottites)

TECHNICAL SKILLS

Computer Languages: MATLAB (Basic user)

Software & Tools: Office suite (Word, PowerPoint, Excel), LaTeX, QGIS

PROFESSIONAL EXPERIENCE

Jan 2019 - Sep 2019 **Part – time Educational Guidance**, University of Pavia, Pavia, Italy.

Providing information to high school students about the University

Jan 2019 - Jun 2019 **Apprentice at the Earth Science Department**, University of Pavia, Pavia, Italy.

Planner at SEH (European Society of Herpetology) Congress 2019, Civic Natural History Museum of Milan.

LANGUAGE SKILLS

Italian: Mother tongue

English: Level B2 (Erasmus Test)

French: Level B2 DELF/DALF obtained in June 2018

Korean: Level A1

MEMBERSHIP OF SCIENTIFIC SOCIETIES

2019 - Present Italian Society of Mineralogy and Petrology (SIMP)

SCIENTIFIC RECORD

Meetings, conferences, seminars and workshops

EMC 2020, Cracow, Poland **Mingardi G.**, Campomenosi N., Mazzucchelli M.L, Chopin C., Scambelluri M., Alvaro M.: *Elastic thermobarometry on Zircon-in-Garnet (ZiG) from the Brossasco-Isasca unit (Dora-Maira Massif, Western Alps)*

EXTRA - CURRICULAR ACTIVITIES

Oct 2017 - Present **Ghislieri Scienza**, Ghislieri College, Pavia Italy.

- Member of Ghislieri Scienza (an association recognized by the University of Pavia) and leader of Earth Sciences group
- Co-organizer of Indiscienza, a scientific fair with experiments for schools and families

Sep 2009 - Present **Corpo Musicale A. Raineri**, Rodengo Saiano, Brescia, Italy.
• Oboist for the ensemble

PERSONAL INTERESTS

Sports: Goalkeeper in the Ghislieri College women's football team since 2017 and Folgore ASD since 2020.

Songwriter: SIAE registered author (Trapperconunnomeindie)

Volunteering: Woofing activities in Denmark (Aug 2018) and in the United Kingdom (Jul 2016).