CURRICULUM VITAE

(LAST UPDATE 20/01/2021)

PERSONAL DETAILS AND CONTACTS

Name: Elisa Ferrari

Date of Birth: 01/04/1994

Nationality: Italian

E-mail: elisa.ferrari@unipr.it

ACADEMIC RECORD AND CAREER

- (2018 to Present) PhD in Earth Sciences

  Research topic: “Recycling processes of the crust in the mantle: evidence from natural samples and implications for oceanic basalts sources”

  Supervisor: Prof. Alessandra Montanini

  Co-Supervisor: Prof. Riccardo Tribuzio

  Department of Chemistry, Life Sciences and Environmental Sustainability, University of Parma - Italy

- (2016-2018) Master degree in Applied Geological Sciences, 110/110 cum Laude

  Thesis title: “Geochemistry and geochronology of pyroxenites and mafic rocks associated with the mantle peridotites from Alpe Morello, Val Strona (Ivrea-Verbano Zone)”

  Supervisor: Prof. Riccardo Tribuzio

  Co-Supervisors: Prof. Delphine Bosch and Prof. Olivier Bruguier

  Department of Earth and Environmental Sciences, University of Pavia - Italy

- (2013-2016) Bachelor degree in Geological Sciences, 110/110 cum Laude

  Thesis title: “Structural and micro-structural characteristics of plagiogranites from the Monte Capra Breccia (Jurassic ophiolites from Val Graveglia, Northern Apennine)”

  Supervisor: Prof. Riccardo Tribuzio

  Co-Supervisor: Prof. Maria Rosaria Renna

  Department of Earth and Environmental Sciences, University of Pavia - Italy

- (2008-2013) Diploma of Scientific High School, 100/100

  Liceo Scientifico Tecnologico J. Torriani, Cremona - Italy

OTHER EXPERIENCES

- (January-March 2020) PhD International Mobility

  Description: Clean lab activity and isotope composition analysis

  Supervisor: Prof. Christophe Hémond

Laboratoire Géosciences Océan, Université de Bretagne Occidentale, IUEM - Plouzané, Brest, France

- (April-July 2018) Erasmus + Traineeship

  Traineeship title: “Nd-Hf isotope compositions of pyroxenites and gabbros within a mantle body enclosed in the middle continental crust (Ivrea-Verbano Zone, Western Alps)”

  Supervisor: Prof. Delphine Bosch

  Géosciences Montpellier, Department of Earth Sciences, University of Montpellier - Montpellier, France

ABSTRACT IN CONFERENCE

- **Elisa Ferrari**, Arianna Secchiari, Alessandra Montanini, Dominique Cluzel (2021); “Supra-subduction mantle pyroxenites in an infant subduction system: the New Caledonia ophiolite record.”
  EGU General Assembly, 19th-30th April 2021.
- Arianna Secchiari, Alessandra Montanini, Dominique Cluzel, **Elisa Ferrari** (2021); “Hydrous mafic-ultramafic intrusives in a nascent arc (Massif du Sud, New Caledonia ophiolite).”
  EGU General Assembly, 19th-30th April 2021.
- **Elisa Ferrari**, Arianna Secchiari, Delphine Bosch, Dominique Cluzel, Alessandra Montanini (2020); “Supra-subduction pyroxenites from the New Caledonia peridotites: a preliminary study”.
  Meeting of the “Gruppo di Lavoro sulle Ofioliti Mediterranee”, Torino, 31st January 2020. Published in the journal Ofioliti (abstract volume).
- **Elisa Ferrari**, Riccardo Tribuzio, Delphine Bosch, Olivier Bruguier (2019); “U-Th-Pb dating of rutile in eclogite facies relics within the middle-upper continental crust of ‘Massiccio dei Laghi’, Northwest Italy”.
  International School “Structure and Composition of the Lower Continental Crust”, Pavia, 7th-10th October 2019. Published in the journal Ofioliti (abstract volume).
- **Ferrari Elisa**, Montanini Alessandra, Secchiari Arianna, Bosch Delphine, Cluzel Dominique (2019); “Pyroxenite diversity in supra-subduction mantle: preliminary data from the New Caledonia ophiolite”.
  90th SGI SIMP Congress, Parma, 16th-19th September 2019.
- **Ferrari Elisa**, Tribuzio Riccardo, Bosch Delphine, Bruguier Olivier, Langone Antonio (2019); “Lower Carboniferous to Upper Triassic evolution of the Ivrea-Verbano Zone: geochronological constraints from the Alpe Morello (Val Strona) rock sequence”.
  90th SGI SIMP Congress, Parma, 16th-19th September 2019.
- **Elisa Ferrari**, Alessandra Montanini, Riccardo Tribuzio, David Van Acken, Ambre Luguet (2019); “Record of melt-rock interaction in the extending lithosphere (Ligurian mantle sequences, N Apennine, Italy)”.
  Submitted for publication at Goldschmidt Conference, Barcelona, 18th-23rd August 2019.
- Riccardo Tribuzio, **Elisa Ferrari**, Delphine Bosch, Olivier Bruguier, Alberto Zanetti (2019); “Primary characteristics and metamorphic evolution of pyroxenite and gabbro layers from a mantle sequence enclosed in the middle continental crust (Ivrea-Verbano Zone, Italy)”.
  Submitted for publication at Goldschmidt Conference, Barcelona, 18th-23rd August 2019.
- Tribuzio Riccardo, **Ferrari Elisa**, Bosch Delphine, Bruguier Olivier, Sbaffi Mattia, Zanetti Alberto (2018); “High-pressure relics within a mantle body enclosed in the middle continental crust of the Ivrea crustal section”.

89th SGI SIMP Congress, Catania, 12th-14th September 2018.

- **Ferrari Elisa**, Sbaffi Mattia, Tribuzio Riccardo, Zanetti Alberto (2018); "High-pressure relics within a mantle body enclosed in the middle continental crust of the Ivrea crustal section (Southern Alps)".
  3rd European Mantle Workshop EMAW, Pavia, 26th-28th June 2018.

FOREIGN LANGUAGE SKILLS

- Good knowledge of English
- Fair knowledge of French

INFORMATION TECHNOLOGY SKILLS

- ECDL Certificate obtained on the 15th May 2013
- Fair knowledge of CAD and programming languages
- Good knowledge of QGIS, SAGA-GIS and Google Earth