



## Elisabetta Rampone

Full professor

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### *Education and training*

1992

#### **Doctorate Degree in Earth Sciences**

Petrology and Geochemistry of mantle peridotites from the Northern Apennines

University of Genova - Genova - IT

1987

#### **Master Degree in Geological Sciences**

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University of Genova - Genova - IT

### *Academic experience*

2013 - ONGOING

#### **Full Professor in Petrology**

University of Genova - Genova - IT

November 2013 - July 2017 member of the Research Observatory of the University of Genoa. November 2015 - December 2016 member of the Evaluation Expert Group (GEV 04) for Earth Sciences (appointed by MIUR) for the VQR research quality assessment procedure 2011-2014. June 2014 - May 2016 Member of the University Commission for the allocation of technical laboratory personnel to the structures. From November 2018 Coordinator of Bachelor and Master Courses in Geological Sciences.

2001 - 2013

#### **Associate Professor in Petrology**

University of Genova - Genova - IT

1998 - 2001

#### **Associate Professor in Petrology**

University of Milano - Bicocca - Milano - IT

1996 - 1998

#### **Permanent Researcher in Petrology**

University of Milano - Milano - IT

1994 - 1995

### **Post-doctoral fellow**

University of Genova - Genova - IT

1991 - 1993

### **C.N.R. post-doctoral fellow**

University of Genova - Genova - IT

1989 - 1991

### **PhD student**

University of Genova - Genova - IT

## ***Language skills***

### **Italian**

Mother tongue

### **English**

Proficient

## ***Postgraduate research and teaching activity***

### **Supervision of PhD students, residents and post-doctoral fellows**

I was tutor of the Doctoral Theses of Anna Romairone (XI cycle), Stefano Bruzzone (XVI cycle), Giulio Borghini (XX cycle, now RTDB Researcher at the University of Milan), Valentin Basch (XXX cycle).

I was tutor of a two-year post-doctoral research grant for Giulio Borghini at DISTAV, University of Genoa (2008 University call) and an annual research grant for Valentin Basch at the DISTAV, University of Genoa (2017 University call).

I was part of the following international network of research and higher education, involving tutoring and mobility of doctoral students and post-docs:

- 2013-2017 Seventh FP7 Framework Program PEOPLE - European Union – Responsible of the University Partner of Genoa, within the Marie Curie Initial Training Network Multipartners project “ABYSS, Network training on reactive geological systems from the mantle to the abyssal sub-seafloor”, Grant Agreement n. 608001.

### **PhD committees membership**

2006 (XXII cycle) to 2012 (XXVIII cycle): Committee Member of the Earth Science Doctorate School, University of Genoa.

2013 (cycle XXIX) to present: Committee Member of the Doctorate School on Earth and Environmental Sciences (STAT), University of Genoa.

## ***Research interests***

My research activity is developed in the context of competitive national projects funded by the Italian Ministry of Research and University (PRIN-

MIUR projects) and the University of Genoa, and international projects funded by the European Community.

My research interests are primarily focused on the petrology and geochemistry of ophiolitic sequences and mantle rocks from different geological contexts: 1) ophiolite associations (mantle peridotites, gabbros, basalts) of the Northern Apennines, Ligurian Alps, Alpine Corsica, Oman, 2) garnet peridotites from the Ulten area (Eastern Alps), 3) mantle xenoliths of the Betic Cordillera (Southern Spain).

Main investigated topics are:

- Mechanisms of magma production, melt percolation and melt-peridotite interaction acting in the asthenospheric and lithospheric mantle at oceanic conditions;
- Accretion processes of the oceanic crust;
- Metamorphic evolution of the lithospheric mantle at extensional settings;
- Melt-peridotite interactions and mantle metasomatism in supra-subduction environments;
- Role of pyroxenitic components in the chemical and isotopic heterogeneity of mantle sources.

### **Scientific production**

I published 57 papers in international journals, of which 52 in JCR or SCOPUS indexed journals; 17 papers as proceedings of international meetings and excursion guidebooks; 1 scientific dissemination paper. I presented 96 abstracts at international conferences and 47 abstracts at national conferences.

Citations: 2304, H Index 28 (SCOPUS); 2015, H Index 26 (ISI WOS); 2618, H Index 29 (Google Scholar).

### ***Editorial activity***

Since 2014 I am Editor-in-Chief of European Journal of Mineralogy (<https://www.schweizerbart.de/journals/ejm/>).

From 2006 to 2013 I was Associate Editor of European Journal of Mineralogy. I am referee for funding agencies (Italian MIUR, NSF, USA) and for national and international journals.