

**Curriculum vitae for Professor Fabrizio Nestola (January 2024)**  
*Department of Geosciences, University of Padova*

**Personal information**

- Family name / First name: Nestola Fabrizio
- Date of birth: December 14<sup>th</sup> 1972
- E-mail address: fabrizio.nestola@unipd.it
- Telephone: +393926755113
- Status: married with Tatiana; father of two children 9 (Viola) and 12 (Lorenzo) years old.

**Research**

High-pressure and high-temperature mineralogy, natural diamonds, meteorites, deep-earth geological processes

**Education**

1999 – Master’s degree in Geological Sciences – University of Torino, Italy  
2003 – Ph.D. in Mineralogy, Petrology and Crystallography – University of Modena and Reggio Emilia, Italy

**Fellowships**

2004-2005: Alexander von Humboldt Research Fellowship - Bayerisches Geoinstitut, University of Bayreuth, Bayreuth, Germany.  
2005-2006: Associate Post-Doctoral position - Virginia Polytechnique Institute and State University, Blacksburg, Virginia, USA.

**Permanent positions**

2006-2010: Permanent Researcher in Mineralogy – Department of Geosciences, University of Padova  
2010-2015: Associate Professor in Mineralogy – Department of Geosciences, University of Padova  
2015-present: Full Professor in Mineralogy – Department of Geosciences, University of Padova, Italy

**Bibliometrics**

- Author/co-author of > 330 peer-review international publications (year of first publication: 2001);
- Total citations in Google Scholar: 9430 (December 22, 2023)
- Total citations in Web of Science: 8005 (December 22, 2023)
- H-index: 45 in Google Scholar (December 22, 2023)
- H-index: 41 in Web of Science (December 22, 2023)

**Main grant as Principal Investigator**

2013-2018: European Research Council Starting Grant; project title: “Inclusions in diamonds: messengers from the deep Earth” (Agreement n. 307322); fund: 1,420,000 €.

**Awards/Prizes**

2003: “Ph.D. thesis award” by Società Italiana di Mineralogia e Petrologia, Italy.  
2010: “Medal for Excellence in Research” by European Mineralogical Union.  
2011: “Mario Nardelli award” by Associazione Italiana di Cristallografia, Italy.  
2016: “Maria Teresa Messori Roncaglia e Eugenio Mari award” by the Accademia Nazionale dei Lincei, Italy.  
2019: “Humboldt Research Award” by the Alexander von Humboldt Foundation, Germany.  
2023: “Best Geoscience Research Award”, Geoscience Information Society, USA.  
2024: “Dana Medal” by the Mineralogical Society of America, USA.

## **Teaching, Ph.D. and Post doc supervision**

### Teaching at University of Padova

- “*Mineralogy*” within the Bachelor degree in Natural Sciences at University of Padova;
- “*Environmental Mineralogy*” within the Master degree in Land and Environment Science and Technology at University of Padova.

### Supervised Bachelor, Master, Ph.D. students and post docs

Bachelor students > 30

Master students > 20

Ph.D. students = 7

Post docs = 9

## **Institutional responsibilities at University of Padova, Italy**

2015-2018: Coordinator of the Ph.D. Programme in Earth Sciences

2017-present: Member of the Board of the Scuola Galileiana di Studi Superiori

2018-2022: Head of Department of Geosciences

2019-2022: Member of the Academic Senate

2023-2025: Leader and proposer of the new Bachelor Degree in Earth and Climate Dynamics (Bachelor in English)

2023-2025: President of the University Center for the Museums

2023-2025: Scientific Responsible of the Nature and Humankind Museum

## **Highlights of service to the mineralogical/scientific community**

- Member of the European Research Council evaluation Panel PE-10 Earth System Science
- Associate Editor for *American Mineralogist* journal (from 2016 to present)
- Member of the Advisory Board of *Physics and Chemistry of Minerals* journal (from 2020 to present)
- Reviewer for > 30 different international peer-review journals

- Reviewer for the following international research agencies:

- a) National Science Foundation (USA);
- b) French National Research Agency (France);
- c) Spanish State Research Agency (Spain);
- d) Austrian Science Fund (Austria);
- e) National Fund for Scientific and Technological Development (Chile);
- e) Czech Science Foundation (Czech Republic);
- f) Romanian National Research Council (Romania);
- g) Hungarian Scientific Research Fund (Hungary);
- h) National Science Center (Poland)

**Outreach and Curatorial Responsibilities:** In June 2023, the University of Padua (among the world’s oldest at > 800 years old) celebrated the opening of a new museum entitled “Museum of Nature and Humankind” with an investment close to 30 million euros being one of the biggest university natural history museums in Europe. Prof. Nestola has been appointed (from December 2022 until 2025) *President of all University Museums* (which counts 11 different museums) and is the scientific responsible of the new museum. Prof. Nestola is employing his managerial skills and enthusiasm for science to attract visitors of all ages to showcase the excellent science of University of Padova over its 800 years of history.

## **Organization of scientific events**

Prof. Nestola has convened over 40 sessions at national and international scientific conferences.

*International Schools Organised:* he has taken great pleasure in organising 6 different “*international schools*” mainly directed at Masters and Ph.D. students, who interact with world-leading scientists and leaders from industry. He also organised the first *International School in Mineral Physics* in

2008. Based on the success of this important event, Prof. Nestola organized the first *International Diamond School* in 2011, followed by subsequent Schools organized in 2015 and 2018 in North Italy. These first three events attracted more than 100 people from all over the world (always more than 15 countries represented) with the Diamond School becoming one of the most famous events in the field. The special feature of these schools is the combination of theoretical and practical sessions with microscopes and micro-Raman and FTIR instrumentation to teach the participants skills in describing diamonds and their inclusions and measuring them by vibrational spectroscopy. Most recently, in February 2023, after a 5-year hiatus due the Covid pandemic, Prof. Nestola was the lead organiser of a new Diamond School, which once more succeeded in attracting participants from around the globe.

#### **Most recent international invited presentations**

- 2024 – FEEG 2024, University of Barcelona (Spain).
- 2023 – Goldschmidt Conference 2023. Lyon (France).
- 2022 – International Union of Crystallography High-Pressure Workshop 2022, Chicago (USA).
- 2021 – Goldschmidt Conference 2021 (virtual).
- 2019 – Diamond Research Conference, Warwick (UK).
- 2019 – Gordon Research Conference Interior of the Earth, Mount Holyoke College, (USA).
- 2019 – Mineralogical Society of America Centennial, Washington (USA).
- 2019 – GEM-A conference, London (UK).
- 2018 – Sorbonne University, Paris (France).
- 2018 – University of Copenhagen (Denmark).
- 2018 – International Conference, Novosibirsk (Russia).
- 2017 – University of Alberta (Canada).
- 2016 – Euroscience Open Forum, Manchester (UK).
- 2015 – Centre de Recherches Petrographiques et Geochimiques, Nancy (France).
- 2014 – Invited seminar at the Observatoire de Physique du Globe de Clermont-Ferrand (France).

#### **Membership of Scientific Societies Academies**

- Life fellow of the Mineralogical Society of America
- Life membership of the American Geophysical Union
- European Geosciences Union
- Società Italiana di Mineralogia e Petrologia
- Associazione Italiana di Cristallografia
- Accademia Nazionale delle Scienze detta dei XL
- Accademia delle Scienze di Torino
- Istituto Veneto di Scienze, Lettere e Arti