



# Nicola Campomenosi

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## • Education and training

**2016-2019** Ph. D. Research within the context of the ERC project TRUE-DEPTHs grant agreement n° 714936: “*Elastic thermobarometry: methods and applications to ultra-high pressure metamorphic rocks*”. DISTAV Department, University of Genova, Italy. Advisors: M. Scambelluri (University of Genova), M. Alvaro (University of Pavia), R. J. Angel (CNR of Padova), J. Hermann (University of Bern). Final examination: 21.05.2020

**2012-2014** Master’s degree in Geology (110/110 with honours), DISTAV Department, University of Genova, Italy. Advisors: M. Scambelluri, L. Crispini, D. Belmonte.

**2009-2012** Bachelor’s degree in Geology, (102/110), DISTAV Department, University of Genova, Italy. Advisors: M. Scambelluri, L. Crispini, E. Cannà

## • Academic experience

**01.06.2023-present** Researcher in Mineralogy (RTD-A). DISTAV Department, University of Genova, Italy.

**2021-2023** Alexander von Humboldt fellow: “*Natural host-inclusion mineral systems under non-ambient conditions: new perspectives from Raman spectroscopy*”. Department of Earth Sciences, University of Hamburg, Grindelallee 48, D-20146 Hamburg, Germany.

**2020-2021** Post-doctorate fellow, within the context of the PRIN project #2017ZE49E7” “*The dynamic mass-transfer from subducted slabs to volcanic arcs: the role of the elastic geobarometry for P-T estimates*”. DISTAV Department, University of Genova, Italy.

**2016-2019** Ph. D. Research, within the context of the ERC project TRUE-DEPTHs grant agreement n° 714936. See *education*.

2015-2016 Post-graduate fellow, “*Improvement actions on airborne fibres monitoring in workplaces by SEM and EDS microanalysis*” at DISTAV Department, University of Genova, Italy.

## • Fellowships and awards

**2021-2023** Alexander von Humboldt fellowship.

Funded by: the Alexander-von-Humboldt Stiftung, Jean-Paul-Straße 12 – DE-53173 Bonn, Germany.

Role: Principal Investigator

Topic: “*Natural host-inclusion mineral systems under non-ambient conditions: new perspectives from Raman spectroscopy*”

Nicola Campomenosi  
Curriculum Vitae

**2020** PhD Thesis Award 2020.

Awarded by: Società Italiana di Mineralogia e Petrologia (SIMP)

**2019** Minerals Travel Award 2019.

Funded by Minerals, Office St. Alban-Anlage 66 CH-4052, Basel, Switzerland to attend the EGU conference 2018 in Wien (Austria)

**2019** SIMP Travel Award 2019.

Funded by Società Italiana di Mineralogia e Petrologia (SIMP) to attend the ECMS conference 2019 in Prague (Czech Republic)

• **Supervision of graduate students; PhD Post Doc students**

**2017-2023** Co-supervisor of 5 students (3 bachelor and 2 master students) from University of Genova, Pavia and Hamburg.

• **Teaching activities**

**2017-2018** Teaching assistant: “Laboratorio didattico sperimentale di Mineralogia e Petrografia” Orientamento PLS con valenza alternanza scuola lavoro, DISTAV, University of Genova.

**2018-2020** Teaching assistant: “Spettroscopia Raman applicata allo studio dei minerali, in Metodi di indagine di Minerali e Rocce” (Master degree in Earth Sciences), DISTAV, University of Genova.

**2023-ongoing** Teaching assistant: “Campagna naturalistica”, DISTAV, University of Genova

**2023-ongoing** Teaching assistant: “Principi di mineralogia applicata ai beni culturali”, DISTAV, University of Genova

**2023-ongoing** Teaching assistant: “Mineralogia”, DISTAV, University of Genova

**2023** Main Lecturer: “Introduction to Raman spectroscopy with application in earth and environmental sciences”, DISTAV, University of Genova

• **Organisation of scientific meetings**

**2022** Convener: “Minerals and rocks under stress: a way to unravel geological processes”, IMA 2022 18-22 July, Lyon, France.

**2022** Convener: “Stressed minerals and microstructures: a link between grain-scale processes and lithosphere dynamics”, SGI-SIMP 2022 19-21 September, Torino, Italy

**2024** Convener: “Spectroscopy in Earth and planetary sciences: from ab initio simulations to laboratory experiments”, EGU 2024 14-19 April, Wien, Austria

- **Reviewing and editorial activities**

Reviewer activity for: *American Mineralogist*, *LITHOS*, *Journal of Metamorphic Petrology*, *European Journal of Mineralogy*, *Contributions to Mineralogy e Petrology*, *Earth-Planetary-Science-Letters*

- **Memberships of scientific societies**

**2017-present** Member of the “Società Italiana di Mineralogia e Petrologia” SIMP

**2018-present** Member of “European Geoscience Union” EGU

### **Research interests**

Mineral physics;

Raman spectroscopy of minerals at high pressure and temperature;

Thermodynamic modelling of mineral equilibria in metamorphic system.