

CURRICULUM VITAE



*Dichiarazione sostitutiva di certificazione e dichiarazione sostitutiva dell'atto di notorietà ai sensi del D.P.R.
445/28.12.2000*

(allegare copia non autenticata di documento di identità del sottoscrittore in corso di validità)

Il sottoscritto *Tortelli Gianmaria* nato a [REDACTED] consapevole delle responsabilità penali cui può andare incontro, in caso di dichiarazioni mendaci, ai sensi e per gli effetti di cui all'art. 76 del D.P.R. 445/2000 e consapevole che, ai sensi dell'art. 13, del Regolamento UE 2016/679 (GDPR), la presente dichiarazione sarà pubblicata sul sito web dell'amministrazione in apposita sezione di Amministrazione Trasparente, sotto la propria responsabilità

Dichiara

ai sensi degli artt. 46 e 47 del DPR 445/2000



Gianmaria Tortelli



WORK EXPERIENCE

01/03/2023 – 31/05/2023 Pisa, Italy

TEACHING SUPPORT UNIVERSITY OF PISA

Teaching support for the bachelor degree course: Elementi di Informatica per le Geoscienze (GIS)

01/03/2022 – 31/05/2022 Pisa, Italy

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Teaching support for the bachelor degree course: Elementi di Informatica per le Geoscienze (GIS)

01/03/2021 – 31/05/2021 Pisa, Italy

TEACHING SUPPORT UNIVERSITY OF PISA

Teaching support for the bachelor degree course: Elementi di Informatica per le Geoscienze (GIS)

EDUCATION AND TRAINING

01/11/2019 – 31/01/2023 Florence, Italy

PHD IN EARTH SCIENCES University of Florence

Project focused on the geochemical, petrological and volcanological study of the Afar depression (Ethiopia) and on its geodynamic evolution.

Field of study Earth sciences | **Level in EQF** EQF level 8 |

Thesis Geochemistry and petrology to understand the evolution of the Stratoids and younger volcanism in Afar

01/09/2015 – 08/02/2019 Pisa, Italy

MASTER DEGREE IN EARTH SCIENCES University of Pisa

Earth Sciences master degree, focused on the geochemical, petrological, volcanological and tectonic fields and concluded with the study of Afar depression and the Ma' Alalata volcano (Ethiopia).

Field of study Earth sciences | **Final grade** 110 cum laude | **Level in EQF** EQF level 7 |

Thesis The Ma'Alalata volcano and its relation with the rift magmatic segments in Afar: A petrological, volcanological, geochemical and seismic approach

01/09/2012 – 11/12/2015 Parma, Italy

BACHELOR DEGREE IN EARTH SCIENCES University of Parma

Earth Sciences bachelor degree with interest in the geochemical, petrological and volcanological fields.

Field of study Earth sciences | **Final grade** 96 | **Level in EQF** EQF level 6 |

Thesis Variscic ultrapotassic lode of northern Austria. Geochemical and petrological analysis

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

ArcGIS, ArcGIS Online, ArcGIS Pro | AlphaMELTS 1.9 & 2 | easyMELTS | Matlab | GCDKit | Microsoft Package (Microsoft Excel, Word, PowerPoint, Microsoft Project) | Adobe Package (Adobe Photoshop, Adobe Premiere, Adobe InDesign, Adobe Illustrator)

● ADDITIONAL INFORMATION

COMMUNICATION AND INTERPERSONAL SKILLS

Scientific collaboration Scientific collaborations started during my PhD and still in progress with colleagues from Italian, Ethiopian and English Universities.

ORGANISATIONAL SKILLS

Geological expedition in Afar (Ethiopia) Organization and management of the sampling activity during the expedition conducted in Afar (Ethiopia) in 2020

LABORATORY EXPERIENCES

Scanning electron microscope (SEM)

Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

Electron probe MicroAnalyzer (EPMA)

Laser Ablation Inductively Coupled Plasma Mass Spectrometry (LA-ICP-MS)

Thermal Ionisation Mass Spectrometry (TIMS)

ARGUS VI Noble Gas Mass Spectrometer (NG-MS)

PROJECTS

The Afar Stratoid (TAS) project I am currently taking part of the The Afar Stratoid project

Link <https://www.afarstratoid.com/>

PUBLICATIONS

[Geochemistry and petrology to understand the evolution of the Stratoid and younger volcanism in Afar](#)

– 2023

[Tortelli, G., Gioncada, A., Pagli, C., Braschi, E., Gebru, E. F., & Keir, D. \(2022\). Constraints on the magma source and rift evolution from geochemistry of the Stratoid flood basalts \(Afar, Ethiopia\). Geochemistry, Geophysics, Geosystems, e2022GC010434.](#)

[Tortelli, G., Gioncada, A., Pagli, C., Rosi, M., De Dosso, L., & Keir, D. \(2021\). Evidence of active magmatic rifting at the Ma'Alalta volcanic field \(Afar, Ethiopia\). Bulletin of Volcanology, 83\(6\), 1-20.](#)

CONFERENCES AND SEMINARS

AGU 2020 (poster session)

EGU 2019 (poster session), 2020 (poster session), 2022 (talk session)

Rittmann 2021 (poster session)

BeGeo 2021 (talk session)

VMSG 2021 (short talk session)

Goldschmidt 2022 (talk session)

HONOURS AND AWARDS

Mention as best poster – Rittmann conference

Recent volcanism in central and southern Afar: a geochemical focus on the Stratoid Formation

VOLUNTEERING

24/09/2021 – 25/09/2021 Earth Science Department, University of Pisa

Bright night 2021 Organizer and host of the stand "Volcanic eruption from the subsoil to space" at the Bright Night 2021 social event

05/04/2022 – 05/04/2022 Earth Science Department, University of Pisa

Lecture to an elementary school class Lecture on volcanoes, earthquakes and the rock cycle to an elementary school class visiting the Earth Sciences department

23/05/2022 – 25/05/2022 Campiglia Marittima

Didactic field trip Two days didactic field trip with bachelor students regarding tectonic, sedimentary, volcanological and mineralization aspects of the Campiglia Marittima area (Tuscany, Italy)

SUPERVISOR ACTIVITY

Co-supervisor of the following master's degree theses:

Study of magmatic sulfides and of the geochemical behavior of chalcophile elements in volcanic rocks of Central Afar (Ethiopia) and Vulcano (Aeolian Islands)

Geochemical and petrographic evolution of the Dama Ali volcano (Afar, Ethiopia)

12/08/2023

Gianmaria Tortelli