

Europass Curriculum Vitae

Personal information

First name / Surname **Giovanna Giorgetti**

Address strada di Marciano 27/A, 53100-Siena, Italy

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Nationality Italian

Date of birth 1.10.1965

Gender Female

Working field preferences

Scanning and Transmission Electron Microscopy, EDX spectroscopy applied to clay minerals, and low grade metamorphic minerals, nanoparticles, ancient pottery. X-ray diffraction on clay minerals and inorganic materials. Micro-Raman spettroscopy.

Work experience

Dates **October 2005 – ongoing**

Name and address of employer University of Siena, Department of Physics, Earth and Environmental Sciences, via Laterina 8, 53100 Siena

Type of business or sector Electron Microscopy, X-ray diffraction

Occupation or position held Technician

Main activities and responsibilities In charge of the scanning electron microscopy - EDS lab and of the micro-Raman lab.

Dates **March 2021**

Member the council for the laboratory LCPAIC (University of Siena, UNICALCE, Petrologic Synergy)

June 5th 2020

Director of the Earth Science Museum – University of Siena

Education and training

Dates	1997-1998
Title of qualification awarded	NATO-CNR Advance Fellowship
Principal subjects/occupational skills covered	Research title: "SEM and TEM studies on phyllosilicates in low-grade metamorphic rocks: equilibria and transformations"
Name and type of organisation providing education and training	Department of Geological Sciences, The University of Michigan, Ann Arbor, U.S.A.
Dates	1996
Title of qualification awarded	PhD in Earth Science
Principal subjects/occupational skills covered	Petrographic study on LT-HP metamorphic rocks. I worked with scanning and transmission electron microscopes equipped with an energy dispersive microanalytical system (EDS). I studied low grade metamorphic rocks (metapelites and quartzites) from the southern Tuscan sector of Apennines and I reconstructed the mineralogical reactions and the PT path of the studied structural units. During the PhD I spent six months at the University of Granada (Spain) working in the Department of Earth Sciences and one month at the Ecole Normale Supérieure (Paris, France) working with softwares for thermodynamic analyses.
Name and type of organisation providing education and training	Earth Science Department, University of Siena, Italy
Dates	1990
Title of qualification awarded	Master Degree in Earth Science (full marks: 110/110 cum laude)
Principal subjects/occupational skills covered	Advanced courses on Geology, Petrography of magmatic rocks and fluids, field work in northern Sardinia, Italy. Final dissertation in Petrography: Analysis of fracturing in the granitoid intrusives in Gallura- North Sardinia, Italy
Name and type of organisation providing education and training	Earth Science Department, University of Siena, Italy
Dates	1989
Title of qualification awarded	Erasmus Scholarship
Principal subjects/occupational skills covered	Research on fluid phase petrology and methodologies for fluid inclusion studies.
Name and type of organisation providing education and training	The Free University of Amsterdam, The Netherlands

Personal skills and competences

Mother tongue(s) Italian

Other language(s) English, Spanish

Self-assessment

English

Spanish

Understanding		Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production	
	Very Good		Excellent		Good		Good
	Excellent		Excellent		Very Good		Scholastic

Social skills and competences

I'm used to interact in English with foreign people and face everyday life problems in a foreigner country .
I'm also used to present scientific results in domestic and international meetings by posters and talks.

Organisational skills and competences

The position I have places me to face and manage research projects and collaborations in different fields with other research groups and external companies. I also manage the labs and organize other people research job in the labs I am in charge of.

Member of polling station:

April 17-18-19th, 2018 for the election of representatives of technical and office staff in RSU, University of Siena

June 7th, 2018 for the election of representatives responsible for security, University of Siena

November 28-29th 2018 for the election of student representatives, University of Siena.

September 3rd, 2020 Supervisor in "concorsi di ammissione a corsi di studio a numero programmato Corso di laurea a ciclo unico di Medicina e Chirurgia e Odontoiatria e Protesi dentaria"

Technical skills and competences

Experience with Philips XL30, JEOL 2010, Philips CM12 and EDAX microanalytical system;

Wide experience in X-ray Diffraction;

Experience in High Resolution Transmission Electron Microscopy (HRTEM), Scanning Transmission Electron Microscopy (STEM) and Energy Disperse X-ray Spectroscopy (EDX) for different kinds of samples

Computer skills and competences

knowledge of Windows systems and Apple system

Artistic skills and competences

Various cultural interests.

Other skills and competences

Europe car licence.

Additional information

2003: participate to the XVIII Italian Antarctic Expedition; remote field camp on the McMurdo/Ross ice shelf.
February – March 2000: participate to the International Oceanographic Cruise; Antarctic Ocean, offshore Wilkes Land (Antarctica).

Teaching experience:

lecture: "Fluids in metamorphic terranes: the Priestly Formation, northern Victoria Land, Antarctica"; in the 1st course "Modern trend in fluid-phase petrology", EU Socrates Intensive Programme, Siena, September 1998.

lecture: "I sedimenti nell'oceano circumantartico: potenziali indicatori paleoclimatici e paleoambientali", to Polar Sciences Ph.D. students, Siena, June 2000.

Lectures: "Microanalytical techniques" during the Academic year 2000/2001 in the Geological Sciences career.

Lectures: "Italian Earth Resources" during the Academic years 2001/2002, 2002/2003, 2003/2004, 2004/2005, 2005/2006, 2006/2007 in the Geological Sciences career.

Lecture: "I sedimenti glacio-marini nell'oceano circumantartico", to Polar Sciences Ph.D. students, Siena, September 2004.

Lectures: "Resources of the Earth" during the Academic years 2005/2006, 2006/2007 in the Geological Sciences career.

Lecture: "I sedimenti glacio-marini Antartici come possibili indicatori paleoclimatici" to Earth Sciences Ph.D. students, Siena, January 2007.

Lecture: "I sedimenti glacio-marini nell'oceano circumantartico", to Polar Sciences Ph.D. students, Siena, October 2007, September 2010.

Lectures "Earth Resources in Italy" during the Academic year 2012.

Lecture "Il geologo sulla scena del crimine" ("The Geologist on the Crime Scene"), Pianeta Galileo 2012 project, Consiglio Regionale della Toscana, January 2013.

Lecture "Il geologo sulla scena del crimine", ("The Geologist on the Crime Scene"), "Venerdì di Scienza" project, Istituto comprensivo Giovanni XXIII, Terranuova Bracciolini, 28/4/2017.

Lectures "Il geologo sulla scena del crimine", ("The Geologist on the Crime Scene"), Pianeta Galileo 2017 project, Consiglio Regionale della Toscana, December 2017 - January 2018.

January 18th, 2016 Attività di orientamento: Progetto "5 giorni per scegliere" – Grosseto 2016

January 25th, 2016 Attività di orientamento

February 20th, 2017 Attività di orientamento

March 23-24th, 2017, organization of the School "Conosci la Geologia" (PLS Project)

June 5th, 2017 Attività di orientamento

September 14th, 2017, organization of the School "Conosci la Geologia" (PLS Project)

September 28th, 2017, Bright – La notte dei Ricercatori; Università di Siena

October 16-21st, 2017, organization of "La Settimana del Pianeta Terra"

January-April 2018, Attività di orientamento

September 27th, 2019, Bright – La notte dei Ricercatori; Università di Siena

November 27th, 2020, Bright – La notte dei Ricercatori; Università di Siena

- **Course on using SigecWeb**, University of Siena, March 11th, 2016.

- **Course on using back office Drupal**, University of Siena, March 20th, 2017

- **Course on becoming Wiki editor**, University of Siena, February 9th, 12th, 21st, 2018.

- **Course on Lezioni d'Europa**, Europe Direct, University of Siena, March-June, 2018

- **Course on GDPR – General Data Protection Regulation for University**, University of Siena, October 24th, 2018

- **Course on GDPR – General Data Protection Regulation**, University of Siena, October 24th, 2018

- **Course on Ambiente e Salute – Politiche locali ed europee**, Europe Direct, University of Siena, November 20th, 2018
- **Course on Lo sport e la promozione della salute: come migliorare e mantenersi in buona forma fino all'età avanzata**, Europe Direct, University of Siena, November 21st, 2018
- **Course on “Giornata della Trasparenza”**, University of Siena, March 26th, 2019
- **Course on “Le politiche di genere e il benessere lavorativo in Europa e in Italia”**, University of Siena, February 28th, 2020.
- **Course on “Un nuovo slancio per la democrazia europea e l'unicità del sistema democratico dell'Unione. Le istituzioni, gli organismi e il sistema politico dell'Unione Europea”**, University of Siena, May 22th, 2020
- **Course on “La Brexit: origine e prospettive”**, University of Siena, May 29th, 2020
- **Course on “Un'unione più ambiziosa? Dialogo sulle priorità della Commissione von der Leyen e le sfide del dopo COVID19”**, University of Siena, June 12th, 2020
- **Course on “Didattica attiva blended nel higher education. Riflessioni in corso – La valutazione on line”**, University of Siena, July 16th, 2020
- **Course on “Misure di prevenzione e protezione dei lavoratori dal rischio biologico da coronavirus SARS-COV-2”**, University of Siena, September 1st, 2020.