



## ANAGRAPHIC DATA

### Francesco Lelli

Birth date: January 06, 1996

Birth place: Pavullo nel Frignano (MO)

Residence: Via Umbria No. 4 - 41026,  
Pavullo nel Frignano (MO)

## CONTACTS

### TELEPHONE

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PEC: [francescolelli@pec.it](mailto:francescolelli@pec.it)

### LINKEDIN:

[LinkedIn profile](#)

## LANGUAGES

**Italian** (Mother tongue)

**English** (B2)

# FRANCESCO LELLI

Dichiarazioni sostitutive di certificazioni (art. 46 d.p.r. N.445/00) o in alternativa  
dichiarazioni sostitutive dell'atto di notorietà (art. 47 d.p.r. N.445/00)

Il sottoscritto **Lelli Francesco**, nato il giorno **06-01-1996** a **Pavullo nel Frignano (MO)** e  
residente a **Pavullo nel Frignano (MO)** in **Via Umbria n° 4**

Consapevole che le dichiarazioni mendaci sono punite ai sensi del Codice penale e  
delle leggi speciali in materia

### Dichiara:

Che tutto quanto riportato nel presente curriculum vitae corrisponde al vero.

The undersigned, **Francesco Lelli**, born on the **6th of January 1996** in **Pavullo nel Frignano (MO)** and residing at **Via Umbria, No. 4, Pavullo nel Frignano (MO)**

Aware that false statements are punishable under the Penal Code and special laws,

### Declares:

That all the information provided in this curriculum vitae is true.

In fede

## EDUCATION

### Ph.D. Student

*November 2023 - Present*

**Università degli Studi di Modena e Reggio Emilia, Modena, Italy.**

PhD Course in "Models and Methods for Material and Environmental Sciences". PhD project entitled "Innovative Techniques for Landslide monitoring and assessment".

### Master's degree in Geosciences, Georisks and Georesources

*June 08, 2022*

**Università degli Studi di Modena e Reggio Emilia, Modena, Italy.**

*Curriculum:* Georisks and territorial management

*Final degree mark:* 110/110 cum laude.

*Thesis title:* "Studio geologico-tecnico e ipotesi di consolidamento della frana di Vallette di Ceci (Val Trebbia, PC)"

*Supervisors:* Prof. A. Corsini, Dott. Geol. G. Truffelli

### Bachelor's degree in Geological Sciences

*April 17, 2019*

**Università degli Studi di Modena e Reggio Emilia, Modena, Italy.**

*Final degree mark:* 101/110.

*Thesis title:* "Caratterizzazione geotecnica di materiale fine di riempimento di fratture in zone soggette a crolli di roccia (Pietra di Bismantova, Appennino Reggiano)"

*Supervisors:* Prof. A. Corsini, Dott. F. Melotti

### Italian High School Diploma

*July, 2014*

**Liceo Scientifico "A. Sordani", Pavullo nel Frignano (MO)**

*Final mark:* 75/100.

## WORK EXPERIENCE

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### GEO GROUP s.r.l.

*September 12, 2023 - October 31, 2023*

**Collaboration for project.**

*Field: Applied Geology, Geophysics, Environmental Geology.*

## INTERNSHIPS

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### ARPAE EMILIA-ROMAGNA

*December 12, 2022 - June 9, 2023*

**Post-Graduate Internship at the Technical Directorate of the Bologna office - Cartography and GIS Section.**

*Field: Environmental Geology, Cartography*

### GEO GROUP s.r.l.

*November 29, 2021 - February 16, 2022*

**275 hours internship provided by the study program in Geosciences, Georisks and Georesources (LM-74)**

*Field: Applied Geology, Geophysics, Environmental Geology, Cartography.*

### PIACENTINI COSTRUZIONI s.p.a.

*December 2018 - January 2019*

**150 hours internship provided by the study program in Geological Sciences (L-34)**

*Field: Geotechnics, Civil Engineering*

## QUALIFICATIONS AND CERTIFICATES

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### Environmental Technician

*June 15, 2023*

Certification of competence for Environmental Technician qualification, in accordance with the Regional System of Formalization and Certification of Competencies (SRFC).

Attesting institution: Centro Formazione Emilia S.r.l.

### Geologist Professional Licence - Section A

*December 5, 2022*

Licence to practice as Geologist (Section A) obtained in session II, year 2022 at Alma Mater Studiorum - University of Bologna.

### Drone Pilot Licences

*August 11, 2023*

#### UAS Pilot Certificate for SPECIFIC CATEGORY

Standard Scenarios IT-STS 01 and IT-STS 02.

Attesting institution: "DT ACADEMY" (Milan, Italy).

*August 30, 2022*

#### UAS A2 Open Subcategory Pilot Certificate.

Attesting institution: "Rijksdienst voor het Wegverkeer" (RDW) - NL.

*August 18, 2022*

#### UAS A1/A3 Open Category Pilot Certificate.

Attesting institution: "Ente Nazionale per l'Aviazione Civile" (ENAC) - ITA.

## SCIENTIFIC ACTIVITY

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### Research Activity contracts

Occasional/professional partnership in the project "Caratterizzazione e monitoraggio di fenomeni franosi e versanti instabili (Characterization and monitoring of landslide phenomena and unstable slopes)"

**Institution:** Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia

**Duration:** 01 March 2023 - 15 July 2023

**Position:** Collaboration on geological-technical site surveys and GIS database development, site monitoring and remote sensing (aerial and proximal), slope stability analyses using specialized processing and software, technical reports and scientific publications.

### Research Activity collaborations

Co-operation between Regional Agency for Territorial Security, Civil Protection and University of Modena and Reggio Emilia, Department of Chemical and Geological Sciences, for specialistic support in technical-scientific activities for prevention, planning and management of hydrogeological risk-related emergencies (DGR 995 of 20 June 2022)

**Institution:** Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia

**Technical-Scientific Officer:** Prof. A. Corsini

Research contract between Autostrada del Brennero S.p.A. and University of Modena and Reggio Emilia, Department of Chemical and Geological Sciences, for "Study of slope-highway interaction: identification, monitoring, management"

**Institution:** Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia

**Technical-Scientific Officer:** Prof. A. Corsini; Prof. F. Ronchetti

Free and voluntary participation in research activities, specifically geological and hydrogeological data collection and processing, in the project "Numerical Groundwater Modeling, Integrated Waste Treatment and Recovery Pole, Località Saliceti - Comune Di Vezzano Ligure (SP) - Step.2 of 2".

**Institution:** Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia

**Technical-Scientific Officer:** Prof. F. Ronchetti

## PUBLICATIONS

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Ferro E., Cemin F., De Rosa L., Corsini A., Ronchetti F., **Lelli F.**, Vitti A. and Simeoni L. (2023). *GIS-Based Analysis of the Potential Effectiveness and Efficiency of Mobile Terrestrial LiDAR to Survey and Monitor Rockfall Areas Along 15 km of Highway E45*. In: A. Ferrari A., M., Rosone, M. Zicarelli, G. Gottardi (Editors). *Geotechnical Engineering in the Digital and Technological Innovation Era*. Springer Series in Geomechanics and Geoengineering. eBook ISBN 978-3-031-34761-0 Print ISBN 978-3-031-34760-3, pp 194-201. [https://doi.org/10.1007/978-3-031-34761-0\\_24](https://doi.org/10.1007/978-3-031-34761-0_24)

## ABSTRACTS AND CONFERENCE PRESENTATIONS

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**Lelli F.**, Ciccarese G., Mulas M., Mereu G., Moretti A., Truffelli G., Corsini A. (2023) - *Studio geologico-tecnico e ipotesi di consolidamento della frana di Vallette di Ceci (Val Trebbia, PC)* – XII Convegno Nazionale Giovani Ricercatori di Geologia Applicata, 22-24 giugno 2023, Urbino. Presentazione Poster

Critelli V., Ferro E., Corsini A., Simeoni L., **Lelli F.**, Tondo M., Ciccarese G., Mulas M., Ronchetti F. (2023). *Integration of site investigation and monitoring and open-access Lidar and InSAR data for the characterization of large- scale active deep-seated rock-slides: a case-study in Isarco Valley (South Tyrol, Italy)*. – XII Convegno Nazionale Giovani Ricercatori di Geologia Applicata, 22-24 giugno 2023, Urbino. Abstract

Ronchetti F., Critelli V., **Lelli F.**, Brozzo G. (2022) – *Valutazione dell'esposizione alla contaminazione di un campo pozzi mediante il Metodo Null-Space Monte Carlo*. XVI Convegno Nazionale delle Sezioni GIT - Sezione di Geoscienze e Tecnologie Informatiche e SI - Sezione di Idrogeologia della Società Geologica Italiana, 5-7 settembre 2022, Fondi (LT).