

# ELEONORA GRILLI

Civil engineer



## ABOUT ME



TRENTO - ITALY



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elegrilli5@gmail.com

## SOFT SKILL

Autonomy, Self confidence, Flexibility, Resistance to stress, Ability to plan and organize, Used to deadlines, Attention to details, Learn continuously, Dynamic spirit and initiative, Communication, Team work, Leadership

## I.T SKILLS

### Design

Autodesk AutoCAD, Autodesk Revit, Adobe Creative Cloud, ImageJ, I Movie, Blender

### Point Clouds

Cyclone, Scene, Geomagic Wrap, MeshLab, CloudCompare, Autodesk ReCap

### Photogrammetry

Agisoft PhotoScan / Metashape

### Other

Office suite, Machine and Deep learning knowledge

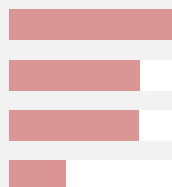
## LANGUAGES

Italian: Native

English : Fluent

Spanish : Fluent

French: Adequate



## EDUCATION

PH.D.

2016

03/2020

**Architecture | 3DOM - 3D Optical Metrology research unity**  
– **Fondazione Bruno Kessler, Trento - ITALY** in collaboration with **Univeristy of Bologna, ITALY**

Dissertation/thesis title: "Automatic classification of architectural and archaeological 3D Data"

MASTER'S DEGREE

2013 – 2015

**Construction Engineering | Univeristy of Bologna, ITALY**

Final degree mark: 110/110 cum laude

Dissertation/thesis title: "Surveys and virtual reconstruction of an historical building in a state of decay"

BACHELOR'S DEGREE

2013 – 2015

**Construction Engineering | Univeristy of Bologna, ITALY**

Final degree mark: 108/110

Dissertation/thesis title: "Restoration project of St. Paul Church in Concordia sulla Secchia ( Mo ) after an earthquake event"

## WORK EXPERIENCE

RESEARCHER  
10/2019 ON  
GOING

**3DOM - 3D Optical Metrology – Fondazione Bruno Kessler, Trento - ITALY**

INTERN

02/2016 -  
06/2016

**UNIVERSIDAD POLITECNICA DE VALENCIA, SPAIN**

Photogrammetric and Laser scanning survey activities at the Roman Teatre of Sagunto, and relative elaborations of the data.

PROJECT DESIGNER  
2014 - 2016

**ARTE E RESTAURO SRL, RAVENNA, ITALY** Quantity surveys, up-to-date plans, bill of quantities, restoration projects, responsible for the quality system certificate UNI EN ISO 9001.

## SELECTED PUBLICATIONS

02/2019

Grilli, E. and Remondino, F. "Classification of 3D Digital Heritage". *MDPI Remote Sensing*, Vol. 11(7), 847

08/2019

Grilli, E., M. Farella, E., Torresani, A. and Remondino, F. "Geometric features analysis for the classification of cultural heritage point clouds". *International Archives of Photogrammetry, Remote Sensing and Spatial Information Sciences*, Vol. XLII-2/W15.

10/2019

Grilli, E., Özdemir, E., and Remondino, F., 2019. Application of machine and deep learning strategies for the classification of heritage point clouds. *Int. Arch. Photogramm. Remote Sens. Spatial Inf. Sci.*, Vol. XLII-4/W18, pp. 447–45

## ACHIEVEMENTS & CERTIFICATIONS

06/2019

**Best young author award** at SIFET- Italian Society of Photogrammetry and Topography - conference with the article "Texture- and geometry-based approaches for the classification of 3D heritage".