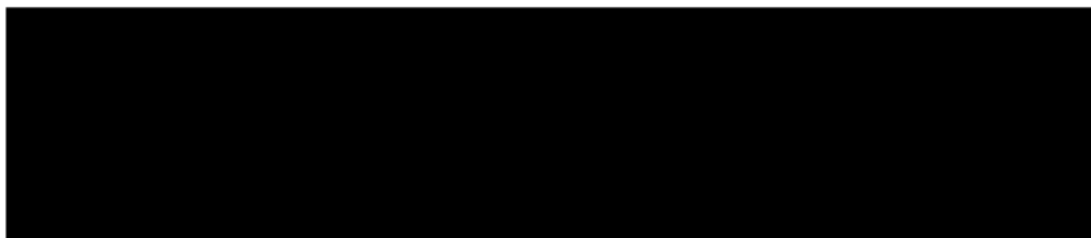




Giovanni Menichini



WORK EXPERIENCE

[02/05/2016 – 31/10/2016] **Civil engineer**

Technical Studio Eng. Simone Scatizzi

Address: Pistoia, Italy

Main activities and responsibilities:

Structural verification and design for both new and existing constructions

[23/11/2016 – 30/11/2016] **Civil protection volunteer**

DI.COMA.C Direzione Comando e controllo Protezione Civile

Address: Rieti, Italy

Main activities and responsibilities:

Archiving and classification of AeDES Forms for public and private buildings of Centre Italy zones hit by the earthquakes of 24/08/2016 and 26-30/10/2016;

[02/11/2016 – 01/11/2019] **PhD student in Civil and Environmental engineering**

University of Florence

Address: Florence, Italy

[12/2016 – Current] **Civil engineer**

S2R-Seismosafe Spin-off of University of Florence <http://www.s2r-sismosafe.it>

Address: 161, Via Vittorio Emanuele II, 50134, Florence, Italy

Business or sector: Construction

Main activities and responsibilities:

Design and verification of constructions, measures and materials tests on existing masonry and RC construction and bridges

[01/11/2019 – 31/10/2020] **University research assistant**

University of Florence

City: Florence

Country: Italy

Main activities and responsibilities:

Research scholarship on "Analysis and reduction of seismic vulnerability of prefabricated industrial structures"

[01/11/2020 – 30/11/2021] **University research assistant**

University of Florence

City: Florence

Country: Italy

Main activities and responsibilities:

Research Assistant on the topic: "*Development of fragility curves of existing precast reinforced concrete structures.*"

[15/01/2022 – Current] **University research assistant**

University of Florence

City: Florence

Country: Italy

Main activities and responsibilities:

Research collaboration on the topic: "*Studio del comportamento statico di profili accoppiati in parete sottile di acciaio formato a freddo*"

[01/11/2017 – Current] **University teaching assistant**

University of Florence

City: Florence

Country: Italy

Main activities and responsibilities:

Support to teaching (revision of student work exercises, supervision of dissertations and exams) for the classes "*Ingegneria Sismica*" and "*Progetto di strutture*".

EDUCATION AND TRAINING

[09/1996 – 07/2001] **High School (72/100)**

Liceo scientifico A. di Savoia

Address: Pistoia, Italy

Level in EQF: EQF level 4

Main subject / occupational skills covered:

Scientific subjects (Math/Science based schools)

[09/2001 – 07/2010] **Bachelor's Degree in Civil Engineering (99/110)**

University of Florence - School of Engineering

Address: Firenze, Italy

Level in EQF: EQF level 6

Main subject / occupational skills covered:

Thesis title: Seismic design and verification of multi-storey RC building

[09/2010 – 04/2016] **Master degree in Civil Engineering (108/110)**

University of Florence - School of Engineering

Address: Florence, Italy

Level in EQF: EQF level 7

Main subject / occupational skills covered:

Thesis title: The role of roof joints in seismic response of single-storey precast RC buildings

[02/11/2016 – 09/12/2020] **International doctorate in Civil and environmental engineering (Doctorate in cotutelle with the University of Ljubljana)**

University of Florence - School of Engineering

Address: Via Santa Marta, 50139, Florence, Italy

Field(s) of study: Engineering, manufacturing and construction

Level in EQF: EQF level 8

Thesis: Seismic response of vertical concrete façade systems in reinforced concrete prefabricated buildings

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING B1 **READING** B1 **WRITING** B1

SPOKEN PRODUCTION B1 **SPOKEN INTERACTION** B1

DIGITAL SKILLS

OpenSEES | CSI SAP2000 | Seismostruct | Microsoft Office | AutoCAD 2D e 3D |
MATLAB | DIANA FEA

PUBLICATIONS

[2017]

G. Menichini, E. Del Monte, G. Bartoli, S. Boschi, A. Vignoli. Influence of roof connections on the seismic response of single-storey precast buildings.

Reference: XVII ANIDIS CONFERENCE, 17 - 20 September, Pistoia, Italy

.

[2018] **Modeling the Seismic Response of Vertical Concrete Cladding Panels.**

https://doi.org/10.1007/978-3-030-23748-6_8

Reference: Conference on Italian Concrete Days, 96–109. Springer.

[2019] **An innovative cladding panel connection for RC precast buildings.**

<https://doi.org/10.1007/s10518-018-0470-1>

Reference: Bulletin of Earthquake Engineering, 17(2), 845–865.

[2020]

Out-of-plane capacity of cladding panel-to-structure connections in one-story R/C precast structures.

<https://doi.org/10.1007/s10518-020-00962-5>

Reference: Bulletin of Earthquake Engineering.

[2021]

Calibration of vulnerability and fragility curves from moderate intensity Italian earthquake damage data

<https://doi.org/10.1016/j.ijdrr.2021.102676>

Reference: International Journal of Disaster Risk Reduction

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

Good communication skills acquired during my course of study. Ability to work both alone and in group.

JOB-RELATED SKILLS

Job-related skills

Knowledge in the fields of civil engineering and in particular in structural engineering and numerical modelling, with attention to the project and consolidation of RC and steel structures in accordance with current technical regulations

ACKNOWLEDGMENT, PRESENCE

ACKNOWLEDGMENT, PRESENCE

Scientific secretary and organization secretary of XVII ANIDIS Conference, Pistoia
17-21 Settembre 2017;

DRIVING LICENCE

Cars: B

Firenze 05-05-2022

Giovanni Menichini

