



# Rachele Zuppi

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## EDUCATION AND TRAINING

11/2024 – CURRENT

**DOTTORATO IN INGEGNERIA STRUTTURALE E GEOTECNICA** La Sapienza

**Field of study** Engineering, manufacturing and construction

10/2021 – 07/2024 Roma

**LAUREA MAGISTRALE INGEGNERIA CIVILE** La Sapienza

**Final grade** 110/110

10/2018 – 07/2021 Roma, Italy

**LAUREA TRIENNALE INGEGNERIA CIVILE** La Sapienza

**Final grade** 110/110 e Lode

2013 – 2018 Roma, Italy

**DIPLOMA LICEO SCIENTIFICO** G.B. Morgagni

**Field of study** Liceo Scientifico | **Final grade** 100

## WORK EXPERIENCE

 **CONFINDUSTRIA** – MILANO, ITALY

**RAPPRESENTANTE "WOMEN IN STEM" PER LA SAPIENZA** – 03/2022 – CURRENT

Vincitrice della prima edizione del bando "Women in STEM" organizzato da Confindustria in collaborazione con Assolombarda, Fondazione Giuseppina Mai, Fondazione Bracco e progetto STEAMiamoci

 – ROMA, ITALY

**TUTOR PER LA SAPIENZA** – 11/2024 – CURRENT

Corso di "Statica" - Ingegneria Edile

Corso di "Progettazione Strutturale per il Design" - Design/Disegno Industriale

## CONFERENCES & SEMINARS

17/09/2025 – 19/09/2025 Pescara, Italy

**YIC 2025**

**ECCOMAS 8th Young Investigators Conference**

Minisymposium: Advanced Metamaterial-Inspired Strategies for Ground-Borne and Seismic Vibration Mitigation

Presentation title: **3D printed metamaterials for vibration control: the role of geometric defects**

09/09/2025 – 11/09/2025 Pavia, Italy

**Sim - AM 2025**

**5th International Conference on Simulation for Additive Manufacturing**

Minisymposium: Lattice and periodic structures

Presentation title: **Geometric defects in FDM lattices: impact on wave propagation**

19/06/2025 – 21/06/2025 Rhodes Island, Greece

**HICOMP 2025**

**1st Hellenic-Italian Conference on Computational Mechanics, Biomechanics and Mechanics of Materials**

Minisymposium: Additive manufacturing

Presentation title: **Experimental and numerical characterization of 3D printed thermoplastic polymers**

**10th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering**

Minisymposium: Dynamics of soft and ultra-soft natural materials and metamaterials: vibration, impact analysis and optimization-based design of the microstructure

Presentation title: **Characterization of 3D Printed TPU: impact of geometric imperfections on wave propagation in lattice metamaterials**

**LANGUAGE SKILLS**

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	C1	C1	C1	C1
<b>GERMAN</b>	B1	B1	B1	B1	B1

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

**SKILLS**

Microsoft Office | Microsoft Word | Microsoft Excel | ABAQUS (finite element) | FEAP (Finite Element Analysis Program) | SAP2000 Construction Program | GrabCad 3D Printer | Autodesk AutoCAD (2006/2017) | Autodesk Revit 2017 Advanced | AutoCAD and Inventor CAD program | Autocad Civil 3d

**HOBBIES AND INTERESTS****Hobbies and interests**

Studio del pianoforte a livello amatoriale.

Studio professionale della danza classica: Accademia Nazionale di Danza di Roma, Balletto di Roma, Hochschule für Musik und Theater Ballet Akademie München.