

# LETIZIA CROCIATI

## CURRICULUM VITAE

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A large, stylized graphic of the letters 'CV' in white, set against a solid light orange background. The 'C' is a simple, rounded shape, and the 'V' is composed of two diagonal lines meeting at a point. The graphic is positioned in the lower half of the page.



# LETIZIA CROCIATI

Ph.D. Student

Architect

## PROFILE

Born in Cesena (FC) in 1998. Obtained the high school diploma at Augusto Righi Scientific High School in Cesena in 2017. Achieved a Master's Degree with honors in Architecture at Alma Mater Studiorum, University of Bologna in March 2023. In November 2023 started a Ph.D. research program at the University of Bologna, with an international program EIT4SEMM, focusing on innovative approaches to ensure environmental safety, with particular reference to the European Context.

## CONTACTS

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Instagram: [@letiziacrociati](https://www.instagram.com/letiziacrociati)

## EDUCATION & TRAINING

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### September 2012 - July 2017

#### HIGH SCHOOL DIPLOMA

Scientific High School Augusto Righi, Cesena

Main Subjects: Mathematics, Physics, Science, Italian, English, Latin

### September 2017 - March 2023

#### SINGLE-CYCLE MASTER'S DEGREE

Alma Mater Studiorum - University of Bologna

Department of Architecture

Grade: 110 / 110 with honors

Main Subjects: Architectural Design, Urban Planning, Restoration, History of Architecture, Structural Mechanics

### November 2023 - present

#### Ph.D. in STRUCTURAL MECHANICS

Alma Mater Studiorum - University of Bologna

Department of Civil, Chemical, Environmental, Materials Engineering

Programma EIT4SEMM - Engineering and Information Technology for Structural and Environmental Monitoring and Risk Management

## COMPETITIONS

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### June 2023

#### ENVI-MET UNI LAB AWARD 2023

Attendance at the competition focused on research and innovation in urban microclimate modeling using ENVI-met software.

<https://www.envi-met.com/it/uni-lab-award-2023/>

### July 2023

#### HYBRID COWORKING

NEW SPACES FOR NOMAD PROFESSIONALS

Attendance at the competition focused on the regeneration of underutilized interior spaces, combining with the coworking aim

<https://www.terravivacompetitions.com/hybrid-coworking-competition-2023/>

### May 2024

#### AGNESE GHINI GRADUATION AWARD 2023

Special Mention for the Master's thesis "*Fiera District of Bologna: project for the redevelopment of public spaces and for the tower of Emilia Romagna region.*"

<https://www.unipr.it/en/node/105277>

## TECHNICAL SKILLS

### Softwares

AutoCAD	● ● ● ● ●
Rhinoceros	● ● ● ● ●
Photoshop	● ● ● ● ●
Lumion	● ● ● ● ●
Enscape	● ● ● ● ●
Revit	● ● ● ● ●
Agisoft Metashape	● ● ● ● ●
Envi-MET	● ● ● ● ●

### Suites

Microsoft	● ● ● ● ●
Adobe	● ● ● ● ●
iWork	● ● ● ● ●

### Communication

Microsoft Teams	● ● ● ● ●
Skype	● ● ● ● ●
Zoom	● ● ● ● ●
Meet	● ● ● ● ●

## PROFESSIONAL BACKGROUND

### July 2021

#### ATTENDANCE at ESBBC

1<sup>st</sup> European Summer School on Bio-Based Composites  
From plant & wood fibers to advanced composites

Summer school on the use of natural materials in architecture and objects, innovative application on materials

<https://events.femto-st.fr/ESBBC/>

### December 2021

#### SEMINAR on ARCHITECTURAL SANDWICH PANELS

Alma Mater Studiorum - University of Bologna  
Department of Architecture

Seminar on the mechanical behavior of sandwich panels with Arundo donax core and skins with flax fibres and epoxy resin

### May 2022

#### ATTENDANCE at NEXTBUILT 2022

International Conference on "Challenges for the NEXT Gen BUILT environment"

<https://next-built.org/>

### June 2022

#### PRESENTATION at NOCMAT 2022

The International Conference on Non-Conventional Materials and Technologies

Presentation on mechanical behavior of sandwich panels with Arundo donax core and skins with flax fibres and epoxy resin

<https://nocmat.lasaweb.org/>

### July 2022

#### PUBLICATION

Crociati, L., Jeannin, T., Molari, L., & Placet, V. (2022). SANDWICH PANELS WITH CORE IN ARUNDO DONAX AND SKINS IN FLAX FIBRE WITH RESIN.

18th International Conference on Non-conventional Materials and Technologies (NOCMAT 2022).

<https://doi.org/10.5281/zenodo.6811615>

### Aprile - July 2023

#### ATTENDANCE at EN-ACTION LAB

In collaboration with Architecture Master's Degree program and Ph.D in Architecture and Culture of the Project

Workshop on the energetic transition themes against the climate change and "energy literacy"

## LANGUAGE SKILLS

Italian

Native language

English, B2



Excellent



Excellent



Good

(B2 certificated the 27th January 2020 at CLA - Linguistic Center of Ateneo)

French



Fair



Fair



Good

April 2024

ATTENDANCE at RILEM SPRING CONVENTION

Yearly Membership subscription for the Technical Committee of the Mechanical Characterization of Bamboo (MCB)

<https://www.rilem.net/agenda/>

May 2024

PRESENTATION at NEXTBUILT 2024

International Conference on "Challenges for the NEXT Gen BUILT environment"

Presentation on Life Cycle Assessment for particleboards with recycled wood in industrial context

<https://next-built.org/>

May 2024

PRESENTATION at A. GHINI GRADUATION AWARD 2023

Presentation of winning thesis project and award ceremony

<https://www.unipr.it/en/node/105277>

## WORK EXPERIENCES

December 2020 - December 2022

ADMINISTRATIVE TUTOR FOR THE UNIVERSITY COURSE  
Alma Mater Studiorum - University of Bologna  
Department of Architecture

Administration, course access procedures, assistance in educational activities, logistical and organizational aspects, Open Days and participation at Course meetings

September 2021 - December 2021

INTERNSHIP at FEMTO-ST  
Franche-Comté Électronique Mécanique Thermique et  
Optique - Sciences et Technologies  
Research Institute UMR 6174  
Department of Applied Mechanics

Mechanical characterization of sandwich panels with Arundo donax core and flax fibre with epoxy resin skins; laboratory tests, report writing

November 2023 - May 2024

COLLABORATION with SADEPAN CHIMICA SRL  
Alma Mater Studiorum - University of Bologna  
& Sadepan Chimica srl - Gruppo Mauro Saviola GMS

Ph.D. planned collaboration for the evaluation of environmental impacts of panels manufactured by the company

## DRIVING LICENCE

Italian driving licence "B"  
all cars and moped

## INTERPERSONAL SKILLS

Inclination to team working and ability to engaging. Aptitude in relationships and communication in heterogeneous environment. Skills in problem-solving. Easy adaptation to new contexts. Determination in achieving goals and proficiency in handling work under intense conditions. Autonomy in work managing and developing.

## CONTACTS

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## INTERPERSONAL EXPERIENCES

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June - August 2016

VOLUNTEERING at ASP CESENA  
assistant (office work and events participation)

September 2015 - March 2016

VOLUNTEERING at QUELLI DI S.E.M.P.R.E. CESENA  
basketball coach

October 2019 - March 2023

MEMBER of S.P.A.Z.I ARCHITETTURA ASSOCIATION  
Univerity association, organization of cultural events and study trips and collaborations.

## EDUCATIONAL TRIPS

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2011 - 1 week

Saint-Laurent-du-Var, France

Attendance at courses in the third year of upper secondary school in French.  
Hosted by a local family.

2014 - 15 days

Edimburgh, United Kingdom, Scotland

Attendance at English courses at Mackenzie School of English.  
Hosted by local family.

2015 - 15 days

Toronto, Canada, Ontario

Attendance at English courses at Global Village English School.  
Hosted by a local family.

## ARTISTIC SKILLS

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Study of music and solfeggio from 2009 to 2012, and learning to play guitar and ukulele. Study and knowledge of technical drawing by hand and digital and of the still-life drawing. Studies of the basic concepts and applications of psychology related to the use of shapes, spaces and colors in Architecture.