

# Lorenzo Zacchini – Curriculum Vitae

## Personal Information

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**Family name, first name:** Zacchini, Lorenzo

**Nationality:** Italian

**Languages:** Italian (native), English (fluent)

**Email:** lorenzo.zacchini@aalto.fi

**Institutional webpage:** <https://math.aalto.fi/en/people/lorenzo.zacchini>

**Personal webpage:** <https://lorenzozacchini.github.io/>

## Current Position

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### Doctoral Researcher in Mathematics

Aalto University, Finland

January 2025 – present

## Research Interests

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My research interests are primarily in harmonic analysis. In particular, I am currently working on fractional integral operators on spaces of homogeneous type and on the properties of their commutators. Over the course of my studies, I have also explored many other topics—mostly within mathematical analysis but not exclusively—so my curiosity for mathematics extends well beyond my main research area.

## Education

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### Master's Degree in Mathematics

Alma Mater Studiorum – University of Bologna, Italy

2024

Final grade: 110/110 *cum laude*

### Academic Visitor

Aalto University, Finland

Feb–May 2024

Scholarship for the preparation of the Master's thesis abroad, awarded by Alma Mater Studiorum – University of Bologna

### Erasmus+ Exchange Period

University of Helsinki, Finland

Aug–Dec 2023

### Bachelor's Degree in Mathematics

Alma Mater Studiorum – University of Bologna, Italy

2022

Final grade: 110/110 *cum laude*

## High School Diploma in Classical Studies

Liceo Ginnasio Luigi Galvani, Bologna, Italy

2018

Final grade: 100/100 *cum laude*

## Teaching Experience

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**Teaching Assistant**, MS-E1531 – Differential Geometry

Aalto University, Finland

Jan–Feb 2026

**Teaching Assistant**, MS-E1461 – Hilbert Spaces

Aalto University, Finland

Sep–Oct 2025

**Teaching Support (Curricular Internship)**, 27213 – Mathematical Analysis 2

Alma Mater Studiorum – University of Bologna, Italy

Apr–Jul 2024

## Conferences and Workshops Attended

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**12th International Conference on Harmonic Analysis and Partial Differential Equations**

El Escorial (Madrid), Spain

June 9–13, 2025

Organized by ICMAT (Instituto de Ciencias Matemáticas) in collaboration with Universidad Autónoma de Madrid