Curriculum Vitae

First Name: Marialetizia
Last Name: Mosconi
Place of birth: Monza, Italy
Address: Via Cozzi 55, 20125 Milan, Italy, Office U5-2101
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Languages:

- Italian, mother language

- English, intermediate

Current studies

- **PhD:** Università degli Studi di Milano-Bicocca, from November 2024, PhD Program in Mathematics, Supervisor: Prof. Lorenzo Mascotto

Education

- **Master Degree:** Università degli Studi di Milano-Bicocca, October 2022 - July 2024, 110/110 cum laude, Advisor: Prof. Lorenzo Mascotto. Title of the Thesis: "A first order system least-squares finite element method for the diffusion and the heat equation"

- **Bachelor Degree:** Università degli Studi di Milano-Bicocca, October 2019 - September 2022, 110/110, cum laude, Advisor: Prof. Alessandro Russo. Title of the Thesis: "Numerical methods for Astrophysics: geometric-numerical integration for Hamiltonian system"

- **Scientific High School - Applied Science diploma:** ITI P. Hensemberger, September 2013 - July 2018, 100/100

Teaching activity

Academic year 2024-2025:

- Teaching assistant for the course "Mathematics I", Fall Semester, Department of Materials Science and Nanotechnology, Bachelor, Università degli studi di Milano-Bicocca, (24 hours)

- Teaching assistant for the course "Mathematical Analysis I", Fall Semester, Department of Mathematics and Applications, Bachelor, Università degli studi di Milano-Bicocca, (8 hours)

Academic year 2023-2024:

- Mentoring for the course "Mathematical Analysis II", Spring Semester, Department of Mathematics and Applications, Bachelor, Università degli studi di Milano-Bicocca, (40 hours)

Invited seminars, workshops, and talks

- *Least-squares finite elements for parabolic problems*, Workshop, LYNUM VI, 14 June 2024, Milan, Italy

- *New Crouzeix-Raviart elements of even degree: theoretical aspects, numerical performance, and applications to the Stokes' equations*, Communication, 30th Biennial Numerical Analysis Conference, 24-27 June 2025, Glasgow, UK

Milan, February 18, 2025

Marialetizia Mosconi