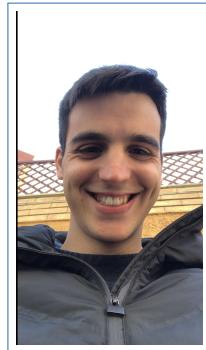


Marco Damele

Curriculum Vitae

Via della Pineta 48
Cagliari, Italy
(+39) 3487307187
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Profile

Place of Birth Cagliari
Date of Birth 26 October 2000

Education and Training

Sep 2019 – **Bachelor's Degree in Mathematics**, *University of Cagliari*, Cagliari
Feb 2023 Graduated with full marks: 110/110 cum laude.
Oct 2023 – **Master's Degree in Pure Mathematics**, *University of Cagliari*, Cagliari
Jul 2025 Graduated with full marks: 110/110 cum laude.
Nov 2025 – **PhD in Pure Mathematics**, *University of Cagliari*, Cagliari
present

Conferences

17–21 June **GABY**, *University of Milano-Bicocca*, Milan
2024 Seminars on Group Theory.
23–27 June **AGTA 2025**, *University of Naples "Federico II"*, Naples
2025 Advances in Group Theory and Applications.

International Experience

25 Aug 2024 **Erasmus+ Program**, *Radboud University*, Nijmegen, Netherlands
– 24 Jan 2025 Funded by the University of Cagliari.
Nov 2025 – **Visiting PhD Student**, *University of Valencia*, Faculty of Mathematical Sciences
May 2026 Funded by the University of Cagliari.

Awards and Honors

2023 **Excellence Program for Outstanding Master's Students** — Selected by the University of Cagliari, Department of Mathematics and Computer Science. The program includes a 1000 euros grant to support participation in conferences and research-related travel, and requires the completion of 12 additional ECTS credits as part of the Master's degree.

Professional Experience

Oct 2022 – **Buddy Tutor**, *University of Cagliari*, Cagliari
Feb 2023 Support and guidance for first-year Mathematics students.

Sep 2023 – **Tutor for Alignment Course**, *University of Cagliari*, Cagliari
Oct 2023 Support for first-year students in Engineering and Architecture.

Oct 2023 – **Tutor – Analysis I**, *University of Cagliari*, Cagliari
Feb 2024 Tutoring for Analysis I course (Engineering and Architecture).

Mar 2024 – **Tutor – Analysis III**, *University of Cagliari*, Cagliari
Sep 2024 Tutoring for Analysis III course (Mathematics).

Mar 2025 – **PLS Tutor – Algebra I**, *University of Cagliari*, Cagliari
Jul 2025 Support activities for Algebra I course for first-year Mathematics students.

Research Articles (Preprints)

2024 **Structural and Rigidity Properties of Lie Skew Brace**, with Andrea Loi. Accepted for publication in *Journal of Algebra*.

2024 **Finite groups in which every proper normal subgroup is cyclic**, with Fabio Mastrogiovanni. Accepted for publication in *Advances in Group Theory and its Applications*.

2024 **Galois Professor's Revenge**, with Andrea Loi, Leandro Vendramin and Martin Mereb.

2024 **Finite groups in which every proper characteristic subgroup is cyclic**, with Fabio Mastrogiovanni.

Mathematics Communication

Since 2021 **Founder and Administrator, Facebook Group “Problemi di Matematica”**
Founded and manage a Facebook group with over 10,000 members focused on proposing and solving math exercises at all levels, from high school to university. The group promotes collaborative learning and mathematical discussion.

Since 2022 **YouTube Channel – Mathematics Outreach**
Creator and presenter of an educational YouTube channel focused on mathematical outreach, problem solving, and accessible explanations of advanced mathematical topics.

18 May 2025 **Seminar: “The Magic of Prime Numbers”**, *University of Cagliari*, Cagliari
Public outreach event during “Monumenti Aperti”, aimed at communicating the beauty of prime numbers.

Outreach and Scientific Promotion

Since 2021 **Annual participation in outreach projects** such as *Women in Science*, *University Orientation for Schools*, and *Researchers' Night*, aimed at promoting scientific research and encouraging young students to pursue careers in science.

Languages

Italian Native Speaker

English B2 Level

Good written and spoken communication skills.