

Marco Damele

Curriculum Vitae

Via della Pineta 48
Cagliari, Italy
📞 (+39) 3487307187
✉ damelemarco8@gmail.com



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 Mastrogiamomo. Accepted for publication in *Advances in Group Theory and its Applications*.
- 2024 **Galoi's Professor's Revenge**, with Andrea Loi, Leandro Vendramin and Martin Mereb.
- 2024 **Finite groups in which every proper characteristic subgroup is cyclic**, with Fabio Mastrogiamomo.

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.