

Andrea Poggio

Curriculum Vitae

✉ poggio@dima.unige.it

Personal information

first name Andrea
last name Poggio

Current position

Ph.D. student in mathematics (joint doctoral program) since November 2021 at

- **Università di Genova**, DIMA Dipartimento di Matematica, Genoa, Italy, supervisor: Prof. Andrea Bruno Carbonaro
- **Univerza v Ljubljani**, Fakulteta za matematiko in fiziko, Ljubljana, Slovenia, supervisor: Prof. Oliver Dragičević

Education

September 2019 – **Università di Genova**

October 2021 *Master Degree in Mathematics*

Final grade: 110/110 cum laude

Thesis title: Imaginary powers of generators of symmetric contraction semigroups

Supervisor: Prof. Andrea Bruno Carbonaro (Università di Genova)

September 2016 – July **Università di Genova**

2019 *Bachelor Degree in Mathematics*

Final grade: 110/110 cum laude

Thesis title: Separation theorems and extreme points

Supervisor: Prof. Ada Aruffo (Università di Genova)

September 2011 – July **Liceo Scientifico Orazio Grassi, Savona**

2016 *Scientific Diploma*

Final grade: 100/100

Awards and grants

2021 – 2024 **3-year Ph.D. scholarship**

Awarded by Università di Genova

2017 **Award for the most deserving students 2016/2017**

Awarded by Università di Genova

Talks

Invited talks

Jan 2024 **Bilinear embedding and H^∞ -calculus for perturbed divergence-form operators**

3rd Young Researchers Workshop in Harmonic Analysis, Genova, Italy

Talks at Conferences and Workshops

July 2024 **Bilinear embedding and H^∞ -calculus for perturbed divergence-form operators**

Recent advances in Harmonic Analysis, Málaga, Spain

May 2023 **Bilinear embedding for perturbed divergence-form operators**

XLII Convegno di Analisi Armonica, Milano, Italy

Seminar talks

- Apr 2024 **Bilinear embedding: perturbed vs unperturbed divergence-form operators**
Complex Analysis Seminar, Ljubljana, Slovenia
- July 2023 **Functional calculus for self-adjoint operators**
PhD Seminars, Genova, Italy
- Apr 2023 **Bilinear embedding for perturbed divergence-form operators**
Complex Analysis Seminar, Ljubljana, Slovenia

Participations to Conferences and Schools

- July 2024 **Recent advances in Harmonic Analysis**
Málaga, Spain
- June 2024 **Harmonic analysis and partial differential equations**
Marseille, France
- May 2024 **XLIII Convegno di Analisi Armonica**
Vicenza, Italy
- Jan 2024 **3rd Young Researchers Workshop in Harmonic Analysis**
Genova, Italy
- June 2023 **Contemporary Analysis and Its Applications**
Portorož, Slovenia
- June 2023 **Harmonic Analysis, Partial Differential Equations, and Geometric Measure Theory in Bilbao 2023**
Bilbao, Spain
- May 2023 **XLII Convegno di Analisi Armonica**
Milano, Italy
- Jan 2023 **Young Researchers Workshop in Harmonic Analysis**
Torino, Italy
- Nov 2022 **Operator-Adapted Spaces in Harmonic Analysis and PDEs**
Oberwolfach, Germany
- June 2022 **11th International Conference on Harmonic Analysis and Partial Differential Equations**
El Escorial, Spain
- May - June 2022 **XLI Convegno di Analisi Armonica**
Genova, Italy
- Apr 2022 **Padova Spring Lectures in Harmonic Analysis: Pointwise convergence problems in analysis and ergodic theory**
Padova, Italy
- Jan 2022 **Geometric Aspects of Complex and Harmonic Analysis**
Bologna, Italy

Research Projects

- Member of the Research Project “Generalized Laplacians on continuous and discrete structures”, funded for the years 2022-2023 by GNAMPA (Italian National Group for Mathematical Analysis, Probability and their Applications).
- Member of the Research Project “ L^p estimates for singular integrals in nondoubling settings”, funded for the years 2023-2024 by GNAMPA (Italian National Group for Mathematical Analysis, Probability and their Applications).

Teaching Activity

- 2022-2023 **Tutor for Algebra and Logic – undergraduate course in Informatics**
Università di Genova
- 2021-2022 **Tutor for Calculus I – undergraduate course in Informatics**
Università di Genova
- 2021-2022 **Tutor for Algebra and Logic – undergraduate course in Informatics**
Università di Genova
- 2020-2021 **Tutor for Institutions of Mathematics – undergraduate course in Biological Science**
Università di Genova

Membership

- 2022 - present Member of the Italian National Group for Mathematical Analysis, Probability and their Applications (GNAMPA)

Languages

- Italian mother tongue
English intermediate