



Grazia Rago

Curriculum Vitae

Contact Informations

E-mail grazia.rago2@unibo.it
Birth **04/06/1999**, Torino (TO), Italy.

Education

- 01/11/2023 **Starting Ph.D. in Mathematics**, Università di Bologna
Supervisor: Prof. Stefano Francaviglia.
Co-Supervisor: Prof. Stefano Riolo.
Year of PhD: Third - Expected year of discussion 2027
- 09/2021-10/2023 **Graduate Student in Pure Mathematics**, Università di Bologna, Bologna, 110/110 cum laude.
Master Thesis: "Classification of Isometries in Hilbert Metric".
Discussion date: 27/10/2023.
Advisor: Prof. Stefano Francaviglia.
- 09/2018-09/2021 **Bachelor Student in Mathematics**, Università di Bologna, Bologna.
Bachelor Thesis: "Mapping Class Group e linearità nel caso della superficie di genere due".
Discussion date: 24/09/2021.
Advisor: Prof.ssa Alessia Cattabriga.
- 09/2013-07/2018 **High School Student**, Liceo Scientifico Scienze Applicate "Giordano Bruno", Medicina (BO), July 2018.

Work and teaching experience

- 09/2024-01/2025 **Tutoring activity**, for the course of Algebra Lineare e Geometria (Linear Algebra and Geometry), Università di Bologna, Department of Physics and Astronomy. Supervised by Prof. Stefano Riolo.
- 03/2024-05/2024 **Tutoring activity**, for the course Geometria 2 (General Topology), Università di Bologna, Department of Mathematics. Supervised by Prof. Giovanni Mongardi.

- 09/2023-02/2024 **Tutoring activity**, for the course Geometria e Algebra (Linear Algebra and Geometry), Università di Bologna, Department of Industrial Engineering, Forlì. Supervised by Prof. Stefano Francaviglia.
- 11/2022-02/2023 **Internship**, Development of a Python software for the computation of Extended Pareto Grids in the context of persistent homology, Università di Bologna, Department of Mathematics.
Advisor: Prof. Patrizio Frosini.
- 12/2021-10/2022 **Degree Programme Tutor**, Università di Bologna, Department of Mathematics.
- 06/2017 **Stage**, Registry Office, Comune di Medicina, Medicina (BO).

Talks

- 24/11/2025 Higher Coarse Medians in Higher Rank Metric Spaces
Montpellier, Lightning talk at the Conference
- 22/09/2025 Higher Coarse Medians in Higher Rank Metric Spaces
Pisa, Lightning talk at the Conference
- 08/09/2025 Higher Coarse Medians in Higher Rank Metric Spaces
Ventotene, Lightning talk at the Conference
- 15/10/2024 Convex Projective Geometry in Low Dimension
Pisa, Seminario Baby Geometri
- 21/05/2024 Simplicial Volume in Convex Projective Geometry (internal group meeting)
Leipzig, Organizers: *Martin Mion-Mouton, Mireille Soergel*
- 16/02/2024 Hilbert geometries, divisible domains and hyperbolicity
Bologna, Organizer: *Martino Lupini*
- 25/05/2023 TGV: Seminari di Topologia e Geometria delle Varietà, Bologna, Introduzione alle geometrie di Hilbert, parte 1.
- 07/06/2023 TGV: Seminari di Topologia e Geometria delle Varietà, Bologna, Introduzione alle geometrie di Hilbert, parte 2.

Periods Abroad

- 1/05-04/06/2025 **Paris**. Thematic trimester IHP-Paris, Higher Rank Geometric Structures.
- 1/05-31/07/2024 **Leipzig**. Visiting student at MPI Leipzig, in the group of Anna Wienhard.

Preprint (in preparation)

M. Islam, G. Rago, Higher coarse medians in higher rank metric spaces, *In preparation*.

Events co-organization

- 08-10/04/2026 **Manifolds and Groups IV**: Co-organizer.

Workshops and Schools

- 05-09/01/2026 **Winter School:** Winter School Côte d'Azur, Nice.
- 24-26/11/2025 **Conference:** Parole aux jeunes scientifiques du RT tétraèdre de Platon.
- 22-25/09/2025 **Conference:** LiT III Living in Topology, Pisa.
- 08-13/09/2025 **Workshop:** Higher dimensional hyperbolic geometry, Ventotene.
- 07-18/07/2025 **Summer school** Discrete subgroups of Lie Groups, IHES-Paris.
- 28/04-02/05/2025 **Conference:** Leaning to higher rank, Pisa.
- 14-18/04/2025 **CIRM-IHP research school:** Geometric structures and discrete group actions, CIRM-Marseille.
- 07-11/10/2024 **Workshop and Conference:** 20 Years of Anosov Representations, Leipzig.
- 15-19/04/2024 **Workshop:** Submanifolds of locally symmetric spaces: geometric, analytic and dynamical aspects, Autrans.
- 30-31/03/2023 **Workshop:** Graduate Research Opportunities for Women at Bonn 2023, Bonn.
- 22-24/03/2023 **Workshop:** Manifolds and groups in Bologna, Non-positive curvature in manifolds and groups, Bologna.
- 29/06-01/07/2022 **Summer School:** Geometry and Dynamics of Moduli Spaces, Bologna.

Computer skills

Python	Intermediate
MatLab	Intermediate
LaTeX	Intermediate
HTML	Basic
C/C++	Basic

Languages

Italian	Native speaker
English	B2
French	A2