

Giuseppe Bargagnati

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Education and Positions

- May 2024–Present **Grant research fellowship in the project "Geometry of groups and manifolds"**, *Università di Bologna*.
- Sep. 2023 **Winner of permanent teaching position of Mathematics and Physics in High School**, *IISS Antonio Pesenti, Cascina*, (now on hold).
- 2020–2024 **PhD Student in Mathematics**, *Università di Pisa*.
- 2017–2020 **Master Student in Pure Mathematics**, *Università di Pisa*, 110/110 cum laude.
- 2014–2017 **Bachelor Student in Pure Mathematics**, *Università di Pisa*.
- 2009–2014 **High School Diploma**, *Liceo Scientifico Vito Volterra, Fabriano*.

Publications and preprints (submitted)

- 2025 **G. Bargagnati, A. Casali, F. Milizia, M. Moraschini**, *Minimal volume entropy of mapping tori over 3-manifolds*.
- 2024 **G. Bargagnati, E. Bogliolo**, *Bounded cohomology of groups acting on trees with almost prescribed local actions*, *Bulletin of the London Mathematical Society*.
- 2023 **G. Bargagnati, F. Bertolotti, P. Capovilla, F. Milizia**, *Action of mapping class groups on de Rham quasimorphisms*, *Geometriae Dedicata*.
- 2022 **G. Bargagnati**, *Simplicial volume of manifolds with amenable fundamental group at infinity*, *Glasgow Mathematical Journal*.
- 2021 **G. Bargagnati, R. Frigerio**, *The simplicial volume of contractible 3-manifolds*, *Transactions of the American Mathematical Society*.

Talks

- Sep. 2025 "Minimal volume entropy of mapping tori over 3-manifolds", LiT Workshop III, *Università di Pisa*.
- Jul. 2024 "The simplicial volume and its spectrum", *Seminario di Algebra e Geometria*, *Università di Bologna*.
- Apr. 2024 "Action of mapping class groups on de Rham quasimorphisms", *Manifolds and Groups in Bologna*, II.
- Oct. 2023 "Simplicial volume of manifolds with amenable fundamental group at infinity", *Università di Bologna*.
- Sep. 2023 "Simplicial volume of manifolds with amenable fundamental group at infinity", *Lightning talk, GRAZP: Groups and Rigidity Around the Zimmer Program*, *Ventotene*.
- Jun. 2023 "Simplicial volume of manifolds with amenable fundamental group at infinity", *Geometric Topology, Art and Science*, *Università di Modena e Reggio Emilia*.

- May 2023 "Contractible 3-manifolds and simplicial volume", Geometry graduate colloquium, ETH Zurich.
- Jan. 2023 "Euler class of sphere and vector bundles", IYSBC-SV, Online.
- Sep. 2022 "Simplicial volume of contractible 3-manifolds", Workshop on recent advances in bounded cohomology, Regensburg University.
- Oct. 2021 "Simplicial volume of contractible 3-manifolds", IYSBC-SV, Online.
- Jun. 2021 "Simplicial volume of compact and non-compact manifolds: an introduction", Seminari dei Baby Geometri, Università di Pisa.

Organizational experience

- Sep. 2023 **Co-organizer of Manifolds and groups in Bologna, III.**
- Aug. **Co-organizer of IYSBC-SV.**
- 2024-present
- Sep. 2023 **Co-organizer of LiT Workshop.**
- Jan. 2023 - **Co-organizer of Seminari di Geometria.**
- Jan. 2024
- Sep. 2021 - **Co-organizer of Seminari dei Baby Geometri.**
- Sep. 2023

Grants

- Sep. 2022 **Bando convegni 2022**, *Università di Pisa*, Competitive grant for the organization of **Seminari dei Baby Geometri**, 4000 €.
- May 2023 **Bando convegni 2023**, *Università di Pisa*, Competitive grant for the organization of **LiT Workshop**, 1500 €.
- Jul. 2023 **Bando Cassini Junior**, *Institut français*, Competitive grant for organization of **LiT Workshop**, 1000 €.