

Matthew Zevenbergen

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Department of Mathematics

Boston College

Maloney Hall, 534

EDUCATION	Boston College Doctoral Candidate in Mathematics Advisor: Ian Biringer	2021-present
	University of Rochester Honors B.S. in Mathematics with High Honors Undergraduate Thesis: <i>Crushtaceans and Complements of Fully Augmented and Nested Links</i> .	2017-2021
PUBLICATIONS	<i>Systolic lattice extensions of classical Schottky groups</i> with Junzhi Huang in <i>Advances in Mathematics</i> , 490:110848.	2026
	<i>Polynomial Generalizations of Knot Colorings</i> with Rachael He, Austin Ho, Dorian Kalir, and Jacob Miller in <i>The PUMP Journal of Undergraduate Research</i> , 5, 1-23.	2022
PREPRINTS	<i>Arithmetic hyperbolic manifolds with bounded rank</i> preprint at https://arxiv.org/abs/2610.18841	Submitted
	<i>Combinations and chromatography of paths of Kleinian groups</i> preprint at https://arxiv.org/abs/2607.13950	Submitted
	<i>Connectivity in the space of framed hyperbolic 3-manifolds</i> preprint at https://arxiv.org/abs/2410.15537	Submitted
	<i>The rank of cusped mapping tori</i> with Ian Biringer and David Futer	In preparation
INVITED TALKS	University of Minnesota, Geometry Seminar (Upcoming)	2027
	Temple University, Geometry and Topology Seminar	2026
	AMS Spring Eastern Sectional, Hyperbolic Manifolds Session	2026
	58th Spring Topology and Dynamics Conference	2025
	Yale, Geometry/Topology Seminar	2025
	Harvard, Gauge Theory and Topology Seminar	2024
CONTRIBUTED TALKS	Topology Students Workshop, Vanderbilt	2026
	Geometry and Topology Seminar at Brown and Yale (lightning)	F24, F25, S26
	Geometric Topology Grad and Postdoc Seminar, virtual	2025

	Midwest Summer School in Geometry, Topology, and Dynamics, Madison (lightning)	2025
	Hyperbolic Manifolds, Their Submanifolds and Fundamental Groups, IMPA (lightning)	2025
	GTA: Philadelphia, Temple	2024
TEACHING	Instructor of Record: Finite Probability and Applications, Boston College Calculus I, Boston College	Summer 22, S23, S25 F23
	Teaching Assistant or Grader: Calculus I, Boston College Algebra I, Boston College Calculus II, Boston College Calculus II for Math and Science, Boston College History of Math, Rochester Mathematical Modeling in Political Science, Rochester Calculus I, Rochester	F22, F25 F24 S22 F21 S20, S21 F20 F19
	Mentoring: DRP mentor in knot theory (2 students) Guiding reading in hyperbolic geometry (1 student)	S26 F23-S24
HONORS AND AWARDS	Dissertation Fellowship, Boston College (\$38,800 non-service stipend)	2026-2027
	AMS ICM 2026 Graduate Student Travel Grant (Up to \$2,400)	2026
	Donald J. White Teaching Excellence Award (TA award: \$150; TF award: \$750)	2023 (TA), 2025 (TF)
	Bausch and Lomb Scholarship, University of Rochester	2017-2021
SERVICE	Reviewer for AMS Mathematical Reviews (MathSciNet)	S26-present
	Boston College Geometry/Topology/Dynamics Seminar Co-organizer	S25-present
	HyperboliciTea Organizer	F24-S26
	Out(F_n) Reading Group Co-organizer	S24
	Hyperbolic Geometry Reading Group Co-organizer	F23
	Arithmetic Groups in Geometry Reading Group Co-organizer	S23
	BC Graduate Student Seminar (GIST) Co-organizer	F22-S23