

Enrico Celestino Colón

Contact	Department of Mathematics Harvard University Cambridge, MA 02138, USA ecolon@math.harvard.edu https://www.math.harvard.edu/people/colon-enrico
Education	Ph.D. in Mathematics, Harvard University, expected 2028. Advisor: Peter Kronheimer. A.M. in Mathematics, Harvard University, 2025. Advisor: Peter Kronheimer. Minor Thesis Advisor: Lauren Williams. S.B. in Mathematics, Massachusetts Institute of Technology, 2023. Advisor: Tomasz Mrowka.
Fellowships and Awards	Harvard Graduate Prize Fellowship, 2023–2028.
Research Interests	Low-dimensional Topology Knot Theory Quantum Topology Categorified Link Invariants
Papers and Preprints	E. C. Colón and J. Urschel. <i>Hamilton Powers of Eulerian Digraphs</i> . Electronic Journal of Combinatorics, 2024. arXiv:2210.10259. E. C. Colón, P. A. Suárez, and C. R. Stine. <i>Corks Equivalent to Fintushel–Stern Surgery</i> . In preparation.
Talks	Knot Theory and Invariants, $\sqrt{\text{mathroots}}$ program lecture, MIT, 2024, 2025. Frøyshov Invariants and Borel Cohomology, Juvitop learning seminar, MIT, 2024. A Glance at Kirby Calculus, Trivial Notions seminar, Harvard, 2023. Corks in Exotic Knot Traces, Directed Reading Program, MIT, 2023 (joint with P. A. Suárez). Split-multiplicity-free Flagged Schur Polynomials, AMS Contributed Paper Session on Enumerative and Extremal Combinatorics, Joint Mathematics Meetings, 2022.
Teaching	Teaching Fellow (scheduled), Math 99r: Knot Theory and Computation, Harvard University, Spring 2027. Teaching Fellow, Math 21b: Linear Algebra and Differential Equations, Harvard University, Spring 2025.

Conferences Attended Simons Collaboration on New Structures in Low-Dimensional Topology, New York, NY, 2024–2026.
Summer Math Program Consortium Conference, Atlanta, GA, 2024, 2025.
Summer Math Program Consortium Workshop, Atlanta, GA, 2025.
Current Developments in Mathematics, Harvard University, 2024, 2025.

Service Residential Director and Academic Mentor, $\sqrt{\text{mathroots}}$ (MIT-PRIMES), 2025.
Assistant Residential Director, $\sqrt{\text{mathroots}}$ (MIT-PRIMES), 2024.
Residential Counselor, $\sqrt{\text{mathroots}}$ (MIT-PRIMES), 2022–2023.