

# Curriculum Vitae

Florian Frick

Department of Mathematical Sciences, Carnegie Mellon University

Pittsburgh, PA 15213

frick@cmu.edu | [www.math.cmu.edu/~ffrick/](http://www.math.cmu.edu/~ffrick/)

## Research interests

---

Geometric and Topological Combinatorics, Discrete and Metric Geometry, Geometric Topology and Applied Algebraic Topology

## Education

---

04/2012–07/2015	Ph.D., Technische Universität Berlin Funded via the Berlin Mathematical School, advisor: John M. Sullivan
10/2010–11/2014	M.Sc., Technische Universität Berlin
10/2007–08/2010	B.Sc., Technische Universität Berlin

## Employment

---

07/2021–	Associate Professor, Carnegie Mellon University
09/2021–07/2022	Gastprofessor (W3), Acting Head of the Discrete Geometry and Topological Combinatorics research group, Freie Universität Berlin on leave from CMU
07/2018–06/2021	Assistant Professor, Carnegie Mellon University
01/2018–06/2018	H. C. Wang Assistant Professor, Cornell University
08/2017–12/2017	Postdoctoral Fellow, MSRI In the program <i>Geometric and Topological Combinatorics</i> and Visiting Scholar, University of California, Berkeley
08/2015–07/2017	H. C. Wang Assistant Professor, Cornell University

## Awards and grants

---

2021–2026	NSF CAREER Grant DMS 2042428
2019–2023	Sloan Research Fellowship
2019–2022	NSF Grant DMS 1855591

07/2016

Richard-Rado-Preis

Dissertation award of the German Mathematics Society DMV for a thesis in discrete mathematics defended in 2014 or 2015; Juror: Ben J. Green

## Publications

---

★ undergraduate coauthor      ● graduate student coauthor

**1. A  $\mathbb{Z}_2$ -Topological Framework for Sign-rank Lower Bounds**

with Kaave Hosseini and Aliaksei Vasileuski●

arXiv:2604.01510

**2. An optimal Brouwer’s fixed point theorem for discontinuous functions**

with Henry Adams

arXiv:2512.14934

**3. Quantifying discontinuity**

with Henry Adams, Michael Harrison, Nikola Sadovek, and Matt Superdock

arXiv:2511.07636

**4. Covering and labeling generalizations of the Borsuk–Ulam theorem**

with Zoe Wellner

arXiv:2509.07247

**5. Geodesic complexity of the octahedron, and an algorithm for cut loci on convex polyhedra**

with Pranav Rajbhandari★/●

arXiv:2508.19362

**6. Roots of real-valued zero mean maps: Compositions of linear functionals and equivariant maps**

with Francesca Cantor★, Julia D’Amico★, and Eric Myzelev★

*Europ. J. Math.* 12, 1 (2026)

arXiv:2503.19729

**7. Youden’s Demon is Sylvester’s Problem**

with Andrew Newman and Wesley Pegden

*Mathematika* 71 (2), e70015 (2025)

arXiv:2407.02589

**8. Appendix to D. Kozlov, “Homology and Euler characteristic of generalized anchored configuration spaces of graphs”**

with Martin Raussen

*J. Appl. Comput. Topol.* 8, 1053–1067 (2024)

doi.org/10.1007/s41468-024-00167-8

**9. Topological methods in zero-sum Ramsey theory**

with Jacob Lehmann Duke★, Meenakshi McNamara★, Hannah Park-Kaufmann★, Steven Raanes★, Steven Simon, Darrion Thornburgh★, and Zoe Wellner●

*Forum Math. Sigma* 13, e192 (2025)

arXiv:2310.17065

- 10. Hausdorff vs Gromov–Hausdorff distances**  
with Henry Adams, Sushovan Majhi, and Nicholas McBride<sup>•</sup>  
*Discrete Comput. Geom.* (2025), to appear  
arXiv:2309.16648
- 11. Colorful Borsuk–Ulam theorems and applications**  
with Zoe Wellner<sup>•</sup>  
*J. Fixed Point Theory Appl.* 27, 81 (2025)  
arXiv:2309.14539
- 12. Gromov–Hausdorff distances, Borsuk–Ulam theorems, and Vietoris–Rips complexes**  
with Henry Adams, Johnathan Bush, Nate Clause<sup>•</sup>, Mario Gómez<sup>•</sup>, Michael Harrison, R. Amzi Jeffs, Evgeniya Lagoda<sup>•</sup>, Sunhyuk Lim, Facundo Mémoli, Michael Moy<sup>•</sup>, Nikola Sadovek<sup>•</sup>, Matt Superdock, Daniel Vargas<sup>•</sup>, Qingsong Wang, and Ling Zhou<sup>•</sup>  
*Algebr. Geom. Topol.*, to appear  
arXiv:2301.00246
- 13. Transversal generalizations of hyperplane equipartitions**  
with Samuel Murray<sup>\*</sup>, Steven Simon, and Laura Stemmler<sup>\*</sup>  
*Int. Math. Res. Not. IMRN* 2024(7), 5586–5618 (2024)  
arXiv:2210.15423
- 14. Unit sphere fibrations in Euclidean space**  
with Daniel Asimov, Michael Harrison, and Wesley Pegden  
*Proc. Edinb. Math. Soc.* 67, 287–298 (2024)  
arXiv:2210.13981
- 15. Random complexes with free involution**  
with Andrew Newman  
*Israel J. Math.* (2023), to appear  
arXiv:2210.11316
- 16. Vietoris thickenings and complexes have isomorphic homotopy groups**  
with Henry Adams and Žiga Virk  
*J. Appl. Comput. Topol.* 7, 221–241 (2023)  
arXiv:2206.08812
- 17. Colorful words and  $d$ -Tverberg complexes**  
with Amzi Jeffs  
*Comb. Theory* 4(1), Paper No. 3, 13 p. (2024)  
arXiv:2205.04776
- 18. Vertex numbers of simplicial complexes with free abelian fundamental group**  
with Matt Superdock<sup>•</sup>  
*Ars. Math. Contemp.* 25, #1.05, 16 p. (2025)  
arXiv:2109.11952
- 19. On inscribed trapezoids and affinely 3-regular maps**  
with Michael Harrison  
*Proc. Roy. Soc. Edinburgh Sect. A* 154, 1024–1032 (2024)  
arXiv:2109.05985

- 20. Embedding dimensions of simplicial complexes on few vertices**  
with Mirabel Hu\*, Verity Scheel\*, and Steven Simon  
*Ann. Comb.* 27, 993–1003 (2023)  
arXiv:2109.04855
- 21. Coupled embeddability**  
with Michael Harrison  
*Bull. Lond. Math. Soc.* 54 (5), 1609–1629 (2022)  
arXiv:2107.09816
- 22. The topology of projective codes and the distribution of zeros of odd maps**  
with Henry Adams and Johnathan Bush  
*Michigan Math. J.* 74(4), 775–796 (2024)  
arXiv:2106.14677
- 23. Spaces of embeddings: Nonsingular bilinear maps, chirality, and their generalizations**  
with Michael Harrison  
*Proc. Amer. Math. Soc.* 150, 423–437 (2022)  
arXiv:2010.11996
- 24. What can you draw?**  
with Fei Peng\*  
*Amer. Math. Monthly* 130 (1), 5–19 (2023)  
arXiv:2004.01049
- 25. The geometry of fair division**  
*Snapshots of modern mathematics from Oberwolfach 2023* (7)  
<https://doi.org/10.14760/SNAP-2023-007-EN>
- 26. Metric thickenings, Borsuk–Ulam theorems, and orbitopes**  
with Henry Adams and Johnathan Bush•  
*Mathematika* 66, 79–102 (2020)  
arXiv:1907.06276
- 27. A nonlinear Lazarev–Lieb theorem:  $L^2$ -orthogonality via motion planning**  
with Matt Superdock•  
*J. Topol. Anal.* 14 (3), 569–585 (2022)  
arXiv:1906.04417
- 28. Borsuk–Ulam theorems for products of spheres and Stiefel manifolds revisited**  
with Yu Hin Chan\*, Shujian Chen\*, and J. Tristan Hull\*  
*Topol. Methods Nonlinear Anal.* 55 (2), 553–564 (2020)  
arXiv:1902.00935
- 29. Fair splittings by independent sets in sparse graphs**  
with Alexander Black\*, Umur Cetin\*, Alexander Pacun\*, and Linus Setiabrata\*  
*Israel J. Math.* 236, 603–627 (2020)  
arXiv:1809.03268
- 30. Barycenters of points in polytope skeleta**  
with Michael Gene Dobbins  
*Contemp. Math.* 764, 83–88 (2021)  
arXiv:1809.01613

- 31. Splitting loops and necklaces: Variants of the square peg problem**  
with Jai Aslam\*, Shujian Chen\*, Sam Saloff-Coste\*, Linus Setiabrata\*, and Hugh Thomas  
*Forum Math. Sigma* 8, e5 (2020)  
arXiv:1806.02484
- 32. Neural codes, decidability, and a new local obstruction to convexity**  
with Aaron Chen\* and Anne Shiu  
*SIAM J. Appl. Algebra Geom.* 3 (1), 44–66 (2019)  
arXiv:1803.11516
- 33. On the generalized Erdős–Kneser conjecture: Proofs and reductions**  
with Jai Aslam\*, Shuli Chen\*, Ethan Coldren\*, and Linus Setiabrata\*  
*J. Combin. Theory, Ser. B* 135, 227–237 (2019)  
arXiv:1712.03456
- 34. Chromatic numbers of stable Kneser hypergraphs via topological Tverberg-type theorems**  
*Int. Math. Res. Not. IMRN* 2020 (13), 4037–4061 (2020)  
arXiv:1710.09434
- 35. Colorful coverings of polytopes and piercing numbers of colorful  $d$ -intervals**  
with Shira Zerbib  
*Combinatorica* 39 (3), 627–637 (2019)  
arXiv:1710.07722
- 36. Metric reconstruction via optimal transport**  
with Michał Adamaszek and Henry Adams  
*SIAM J. Appl. Algebra Geom.* 2 (4), 597–619 (2018)  
arXiv:1706.04876
- 37. Achieving rental harmony with a secretive roommate**  
with Kelsey Houston-Edwards\* and Frédéric Meunier  
*Amer. Math. Monthly* 126 (1), 18–32 (2019)  
arXiv:1702.07325
- 38. On affine Tverberg-type results without continuous generalization**  
to be rewritten  
arXiv:1702.05466
- 39. Fair division and generalizations of Sperner- and KKM-type results**  
with M. Asada\*, V. Pisharody\*, M. Polevy\*, D. Stoner\*, L.H. Tsang\*, and Z. Wellner\*  
*SIAM J. Discrete Math.* 32 (1), 591–610 (2018)  
arXiv:1701.04955
- 40. On Reay’s relaxed Tverberg conjecture and generalizations of Conway’s thrackle conjecture**  
with M. Asada\*, R. Chen\*, F. Huang\*, M. Polevy\*, D. Stoner\*, L.H. Tsang\*, and Z. Wellner\*  
*Electronic J. Combin.* 25 (3), P3.16 (2018)  
arXiv:1608.04279
- 41. Minkowski complexes and convex threshold dimension**  
with Raman Sanyal  
*J. Combin. Theory, Ser. A* 151, 202–206 (2017)  
arXiv:1607.07814

- 42. Intersection patterns of finite sets and of convex sets**  
*Proc. Amer. Math. Soc.* 145 (7), 2827–2842 (2017)  
arXiv:1607.01003
- 43. On homotopy types of Euclidean Rips complexes**  
with Michał Adamaszek and Adrien Vakil\*  
*Discrete Comput. Geom.* 58 (3), 526–542 (2017)  
arXiv:1602.04131
- 44. Barycenters of Polytope Skeleta and Counterexamples to the Topological Tverberg Conjecture, via Constraints**  
with Pavle Blagojević and Günter M. Ziegler  
*J. Europ. Math. Soc. (JEMS)* 21 (7), 2107–2116 (2019)  
arXiv:1510.07984
- 45. Hyperplane mass partitions via relative equivariant obstruction theory**  
with Pavle Blagojević, Albert Haase<sup>•</sup>, and Günter M. Ziegler  
*Documenta Math.* 21, 735–771 (2016)  
arXiv:1509.02959
- 46. Topology of the Grünbaum–Hadwiger–Ramos hyperplane mass partition problem**  
with Pavle Blagojević, Albert Haase<sup>•</sup>, and Günter M. Ziegler  
*Trans. Amer. Math. Soc.* 370 (10), 6795–6824 (2018)  
arXiv:1502.02975
- 47. Counterexamples to the topological Tverberg conjecture**  
*Oberwolfach Reports* 12 (1), 318–321 (2015)  
arXiv:1502.00947
- 48. Nerve complexes of circular arcs**  
with Michał Adamaszek, Henry Adams, Chris Peterson, and Corrine Previte-Johnson  
*Discrete Comput. Geom.* 56 (2), 251–273 (2016)  
arXiv:1410.4336
- 49. Tverberg plus constraints**  
with Pavle Blagojević and Günter M. Ziegler  
*Bull. Lond. Math. Soc.* 46 (5), 953–967 (2014)  
arXiv:1401.0690
- 50. A minimal irreducible triangulation of  $S^3$**   
*Combinatorial Methods in Topology and Algebra*, Springer INdAM Series 12, 49–52 (2015)

## Selected invited talks

---

03/2026	Colloquium University of Pittsburgh
12/2025	Topology and Geometry Seminar University of Florida
11/2025	Geometry Seminar Technische Universität Dresden, Germany

11/2025 Discrete Geometry and Topological Combinatorics Seminar  
Freie Universität Berlin, Germany

11/2025 Diskrete Mathematik / Geometrie seminar  
Technische Universität Berlin, Germany

10/2025 Math+ Friday Colloquium, Berlin

03/2025 Spring Topology and Dynamics Conference

01/2025 AMS Special Session *Geometric and Topological Combinatorics*  
Joint Mathematics Meetings, Seattle

01/2025 AMS Special Session *The Open Neighborhood of Applied Topology*  
Joint Mathematics Meetings, Seattle

07/2024 Special Session *Discrete and Combinatorial Homotopy, Theory and Applications*  
Joint Meeting AMS–UMI, Palermo, Italy

01/2024 AMS Special Session *Discrete Homotopy Theory*  
Joint Mathematics Meetings, San Francisco

01/2024 AMS Special Session *Topological and Algebraic Approaches for Optimization*  
Joint Mathematics Meetings, San Francisco

12/2023 *Geometric, Algebraic, and Topological Combinatorics*, MF Oberwolfach

06/2023 New trends from Classical Theorems in Geometry, Combinatorics, and Topology  
Casa Matemática Oaxaca, Mexico

05/2023 GMZ 60: Geometry, Topology, Community, Freie Universität Berlin, Germany

04/2023 Discrete Math / Algebra Seminar, University of Delaware

10/2022 Combinatorics and Discrete Geometry Seminar, Cornell University

10/2022 Algebra Combinatorics Geometry Seminar, University of Pittsburgh

06/2022 Seminar on Nonlinear Algebra, Max Planck Institute, Leipzig

05/2022 Colloquia in Combinatorics, Queen Mary University, London

05/2022 Bridging Applied and Quantitative Topology (online)

11/2021 Facets of Complexity, Freie Universität Berlin

10/2021 AMS Special Session *Geometric and Topological Combinatorics and Their Applications* (online)  
AMS Fall Central Sectional (formerly at Creighton University)

06/2021 Applied Algebraic Topology Research Network (online)

04/2021 Colloquium, Bard College (online)

03/2021 AMS Special Session Applied Combinatorics (online)  
Spring Eastern Sectional Meeting (formerly at Brown University)

03/2021 Topology and Geometry Seminar, University of Haifa (online)

02/2021 Topology Seminar, Northeastern University (online)

01/2021 Facets of Complexity, Berlin (online)

10/2020 Combinatorics Seminar, University of Washington (online)

09/2020 Discrete Geometry, MF Oberwolfach (online)

08/2020 Topological Combinatorics Workshop, Charles University, Prague (online)

05/2020 Discrete Math Seminar, Iowa State University (online)

02/2020 Combinatorics Seminar, University of Michigan

11/2019 Atlanta Lecture Series on Combinatorics and Graph Theory Emory University

11/2019 AMS Special Session *Topological Complexity and Related Topics* AMS Fall Southeastern Sectional Meeting, University of Florida

11/2019 AMS Special Session *Geometric and Topological Combinatorics* AMS Fall Southeastern Sectional Meeting, University of Florida

10/2019 Helly and Tverberg type Theorems, CMO, Oaxaca, Mexico

09/2019 AMS Special Session *Algebraic and Geometric Combinatorics* AMS Fall Central Sectional Meeting, University of Wisconsin–Madison

08/2019 *Geometric, Algebraic, and Topological Combinatorics*, MF Oberwolfach

05/2019 Math Club, SUNY Stony Brook

04/2019 Geometry Seminar, CUNY and New York University

04/2019 Algebra/Topology Seminar, University at Albany SUNY

01/2019 ERC Workshop: Adventures in Combinatorial Geometry Ein Gedi, Israel

01/2019 AMS Special Session Geometric and Topological Combinatorics Joint Mathematics Meetings, Baltimore

11/2018 Theoretical Biology Seminar, Pennsylvania State University

10/2018 Math Club, Carnegie Mellon University

07/2018 Combinatorics and Geometry Seminar, University of Washington

04/2018 Combinatorics Seminar, Georgia Tech

04/2018 Discrete Math Seminar, UMass Amherst

04/2018 Colloquium, Lehigh University

04/2018 Topology and Robotics Seminar, Lehigh University

03/2018 ERC Workshop: Geometric Transversals and Epsilon-Nets Ein Gedi, Israel

02/2018 Topology and Geometry Seminar, Binghamton University

01/2018 Colloquium, University of California, Davis

01/2018 AMS Special Session Topological Data Analysis Joint Mathematics Meetings, San Diego

01/2018 Colloquium, University of Illinois at Chicago

12/2017 Colloquium, Northeastern University

12/2017 Colloquium, Carnegie Mellon University

12/2017 Colloquium, Washington University in St. Louis

*10/2017* Geometric and Topological Combinatorics: Modern Techniques and Methods  
 Mathematical Sciences Research Institute, Berkeley

*08/2017* SIAM Minisymposium on Geometry of Materials  
 SIAM Conference on Applied Algebraic Geometry, Atlanta

*06/2017* Discrete Geometry Seminar, Freie Universität Berlin

*05/2017* Conference on Discrete Geometry and Algebraic Combinatorics,  
 South Padre Island

*04/2017* Geometry Seminar, New York University

*03/2017* Topology Seminar, University of Rochester

*02/2017* Discrete Geometry and Combinatorics Seminar, Cornell University

*01/2017* Combinatorics Seminar, University of Washington

*01/2017* Algebra & Discrete Mathematics Seminar, University of California,  
 Davis

*12/2016* Topology and Geometry in a Discrete Setting, ICERM, Providence

*11/2016* Applied Algebraic Topology Research Network, online seminar

*10/2016* Transversal, Helly and Tverberg type Theorems, CMO, Oaxaca,  
 Mexico

*09/2016* Special Session Combinatorics, at the Crossroads of Algebra, Geome-  
 try, and Topology  
 AMS Sectional Meeting at Bowdoin College

*09/2016* Topology and Geometric Group Theory Seminar, Cornell University

*07/2016* Symposium on Discrete Mathematics, Freie Universität Berlin

*07/2016* Smorgasbord Seminar, Cornell University

*06/2016* Pattern Analysis Lab, Colorado State University

*05/2016* Topology Festival, Cornell University

*03/2016* Combinatorics Seminar, The Ohio State University

*01/2016* Algebra & Discrete Mathematics Seminar, University of California,  
 Davis

*01/2016* AMS Special Session Algebraic and Topological Methods in Combi-  
 natorics  
 Joint Mathematics Meetings, Seattle

*10/2015* Oliverclub (Department Colloquium), Cornell University

*10/2015* Combinatorics Seminar, University of Miami

*10/2015* Topology and Geometry Seminar, Binghamton University

*09/2015* Topology and Geometric Group Theory Seminar, Cornell University

*06/2015* Algebra and Topology Seminar, University of Copenhagen

*06/2015* Applied Topology Seminar, EPF Lausanne

*03/2015* Discrete Geometry and Combinatorics Seminar, Cornell University

*03/2015* ERC Workshop Discrete Models in Geometry and Topology  
 Freie Universität Berlin

*02/2015* Geometric and Algebraic Combinatorics, MF Oberwolfach

<i>11/2014</i>	Topological Combinatorics Seminar, Freie Universität Berlin
<i>07/2014</i>	Workshop Applied Algebraic Topology, CIEM, Castro Urdiales, Spain
<i>04/2014</i>	Topology with combinatorial and geometric flavor Adam Mickiewicz University, Poznań

## Postdocs mentored or co-mentored

---

<i>2023–2025</i>	Marta Pavelka
<i>2022–2025</i>	Alan Lew
<i>2022–2023</i>	Ali Mohammad Nezhad
<i>2021–2024</i>	Amzi Jeffs, NSF postdoc fellowship
<i>2020</i>	Nora Frankl
<i>2020–2025</i>	Andrew Newman
<i>2019–2021</i>	Michael Harrison

## Ph.D. students graduated

---

<i>2024</i>	Zoe Wellner
<i>2022</i>	Jonathan Kliem (at FU Berlin)
<i>2021</i>	Matt Superdock

## External Ph.D. committees

---

<i>08/2025</i>	Nikola Sadovek Freie Universität Berlin, advised by Pavle Blagojević
<i>04/2025</i>	Evgeniya Lagoda Freie Universität Berlin, advised by Pavle Blagojević
<i>09/2023</i>	Tatiana Levinson Freie Universität Berlin, advised by Pavle Blagojević
<i>05/2022</i>	Olakunle Abawonse Binghamton University, advised by Laura Anderson
<i>06/2017</i>	Albert Haase Freie Universität Berlin, advised by Günter M. Ziegler

## Undergraduate research advising

---

2018–	Advised nine CMU undergraduates on honor’s theses, research and reading projects.
2023–	Advised nine undergraduate students within my REU <i>Geometry and Topology in a Discrete Setting</i> .
2022	Advisor for Pablo Agustin Martin Torres Master’s thesis at Freie Universität Berlin.
Summer 2021	Advised four undergraduate students.
Summer 2019	Advised two undergraduate students.
2016–2018	Led undergraduate summer research program on <i>Topological Methods in Discrete Geometry</i> . Advised 24 students.

## Teaching

---

Spring 2026	Algebraic Topology (graduate course)
Fall 2024	Discrete Math (graduate course)
Fall 2024	Topological Methods in Combinatorics (graduate course)
Spring 2024	Algebraic Topology (graduate course)
Fall 2023	General Topology (graduate course)
Fall 2023	Discrete Mathematics (graduate course)
Fall 2022	General Topology (graduate course)
Fall 2022	Discrete Mathematics (graduate course)
Summer 2022	Geometry and Topology in a Discrete Setting (graduate course, co-taught with Pavle Blagojević as a block course)
Summer 2022	Student Seminar in Discrete Geometry (graduate course)
Summer 2022	Discrete Geometry II (graduate course)
Winter 2021/22	Discrete Geometry III (graduate course)
Winter 2021/22	Discrete Geometry I (undergraduate course, co-taught with Christian Haase)
Spring 2021	Graph Theory (undergraduate course)
Fall 2020	Discrete Mathematics (graduate course)
Fall 2020	Algebraic Topology (graduate course)
Spring 2020	Differential Geometry of Curves and Surfaces (undergraduate course)
Fall 2019	Discrete Mathematics (graduate course)
Spring 2019	Graph Theory (undergraduate course, co-taught with Wesley Pegden)
Fall 2018	Algebraic Topology (graduate course)
Spring 2018	Prove it! (undergraduate, introduction to proof-based mathematics)
Spring 2018	Introduction to Combinatorics (upper-level undergraduate)
Spring 2017	Seminar in Geometry: Discrete and Metric Geometry

<i>Fall 2016</i>	Topics in Topology: Equivariant Cohomology
<i>Fall 2016</i>	Introduction to Combinatorics (upper-level undergraduate)
<i>Fall 2016</i>	Putnam Practice Sessions (Co-organizer)
<i>Spring 2016</i>	Calculus II
<i>Fall 2015</i>	Putnam Practice Sessions (Co-organizer)
<i>Fall 2015</i>	Calculus I

## Editorial activities

---

<i>2024–</i>	Handling Editor, <i>Combinatorial Theory</i>
<i>2026</i>	Co-Chair of the program committee, FPSAC 2026

## Refereeing

---

Referee for journals, conferences, contributions to book projects. Grant review for various funding agencies.

## Organizing

---

- Co-organizer of the ICM Satellite Conference *Combinatorics at the Confluence*
- Co-organizer of the MSRI Summer School *Topological Toolbox for Discrete Mathematicians*
- Co-organizer of the BMS Summer School *Geometry and Topology in a Discrete Setting*
- Co-organizer of the special session *Algebraic, Geometric, and Topological Methods in Combinatorics* at the AMS Spring Eastern Sectional Meeting at Northeastern in April 2018
- Organizer of the *Geometric and Topological Combinatorics Postdoc Seminar* at MSRI during Fall 2017
- Co-organizer of *Topology Festival* at Cornell University
- Co-organizer of *Topology and Geometric Group Theory Seminar* at Cornell University
- Co-organizer of the special session *Geometry and Combinatorics of Cell Complexes* at the Mathematical Congress of the Americas 2017
- Co-organizer of minisymposium *Symmetric simplicial complexes and polytopes* at SIAM Conference on Applied Algebraic Geometry 2017

April 3, 2026