

FLORIAN FRICK

CONTACT INFORMATION

Department of Mathematical Sciences
Carnegie Mellon University
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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 *Geometric and Topological Combinatorics* 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●
Discrete Comput. Geom. (2025), to appear
arxiv:2309.16648
11. Colorful Borsuk–Ulam theorems and applications
with Zoe Wellner●
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[•], Mario Gómez[•], Michael Harrison, R. Amzi
Jeffs, Evgeniya Lagoda[•], Sunhyuk Lim, Facundo Mémoli, Michael Moy[•], Nikola Sadovek[•], Matt
Superdock, Daniel Vargas[•], Qingsong Wang, Ling Zhou[•]
Algebr. Geom. Topol., to appear
arxiv:2301.00246
13. Transversal generalizations of hyperplane equipartitions
with Samuel Murray^{*}, Steven Simon, and Laura Stemmler^{*}
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[•]
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 Vakili^{*}
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[•], 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[•], 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 Previtte-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, Geometry, 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 Combinatorics*
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
- 11/2014 Topological Combinatorics Seminar, Freie Universität Berlin
- 07/2014 *Workshop Applied Algebraic Topology*, CIEM, Castro Urdiales, Spain
- 04/2014 *Topology with combinatorial and geometric flavor*
Adam Mickiewicz University, Poznań

POSTDOCS MENTORED OR CO-MENTORED

- 2023–2025 Marta Pavelka
- 2022–2025 Alan Lew
- 2022–2023 Ali Mohammad Nezhad
- 2021–2024 Amzi Jeffs, NSF postdoc fellowship
- 2020 Nóra Frankl

2020–2025 Andrew Newman
 2019–2021 Michael Harrison

PHD STUDENTS GRADUATED

2024 Zoe Wellner
 2022 Jonathan Kliem (at FU Berlin)
 2021 Matt Superdock

EXTERNAL PHD COMMITTEES

08/2025 Nikola Sadovek
 Freie Universität Berlin, advised by Pavle Blagojević
 04/2025 Evgeniya Lagoda
 Freie Universität Berlin, advised by Pavle Blagojević
 09/2023 Tatiana Levinson
 Freie Universität Berlin, advised by Pavle Blagojević
 05/2022 Olakunle Abawonse
 Binghamton University, advised by Laura Anderson
 06/2017 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 *Geometry and Topology in a*
Discrete Setting.
 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 *Topological Methods in Discrete*
Geometry. Advised 24 students.

TEACHING

Spring 2026 Algebraic Topology (graduate course)
 Fall 2024 Discrete Math (graduate course)
 Fall 2024 Topological Methods in Combinatorics (graduate course)

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

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

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