

Contact Information

School of Mathematical Sciences, Rm. 1603
University of Science and Technology of China
No. 96 Jinzhai Road, Hefei, 230026, Anhui, China
Email: jiema@ustc.edu.cn
Office Phone Number: 86-551-63600625

Research Interests

Extremal Combinatorics, Graph Theory, Probabilistic Methods in Combinatorics, and their applications to theoretical Computer Science and Optimization

Appointments

12/2014– present : Professor
School of Mathematical Sciences, University of Science and Technology of China
09/2013– 12/2014: Postdoctoral Associate,
Department of Mathematical Sciences, Carnegie Mellon University
07/2011– 09/2013: Hedrick Assistant Professor,
Department of Mathematics, UCLA

Education

08/2007-08/2011: Ph.D. in Mathematics, Thesis Advisor: Prof. Xingxing Yu,
School of Mathematics, Georgia Institute of Technology
09/2003-07/2007: B.Sc. in Mathematics,
Department of Mathematics, University of Science and Technology of China

Publications

1. Independent paths and K_5 -subdivisions, J. Ma and X. Yu, *J. Comb. Theory, Ser. B* 100(6) (2010), 600-616
2. On several partitioning problems of Bollobás and Scott, J. Ma, P. Yan and X. Yu, *J. Comb. Theory, Ser. B* 100(6) (2010), 631-649
3. Bounds for pairs in partitions of graphs, J. Ma and X. Yu, *Discrete Mathematics* 310(15-16) (2010), 2069-2081
4. Circumference of 3-connected claw-free graphs and large Eulerian subgraphs of 3-edge-connected graphs, M. Bilinski, B. Jackson, J. Ma and X. Yu, *J. Comb. Theory, Ser. B* 101(4) (2011), 214-236
5. A note on Lovász removable path conjecture, *Journal of Combinatorics* 2(1) (2011), 103-109
6. Partitioning 3-uniform hypergraphs, J. Ma and X. Yu, *J. Comb. Theory, Ser. B* 102(1) (2012), 212-232
7. A problem of Erdős on the minimum number of k -cliques, S. Das, H. Huang, J. Ma, H. Naves and B. Sudakov, *J. Comb. Theory, Ser. B* 103(3) (2013), 344-373

8. Approximate min-max relations on plane graphs, J. Ma, X. Yu and W. Zang, *J. Combinatorial Optimization* 26(1) (2013), 127-134
9. Large feedback arc sets, high minimum degree subgraphs, and long cycles in Eulerian digraphs, H. Huang, J. Ma, A. Shapira, B. Sudakov and R. Yuster, *Combinatorics, Probability and Computing* 22(6) (2013), 859-873
10. K_5 -subdivisions in graphs containing K_4 -, J. Ma and X. Yu, *J. Comb. Theory, Ser. B* 103(6) (2013), 713-732
11. Longest common subsequences in sets of words, B. Bukh and J. Ma, *SIAM J. Discrete Math* 28(4) (2014), 2042–2049
12. Discrepancy of random graphs and hypergraphs, J. Ma, H. Naves and B. Sudakov, *Random Structure and Algorithms* 47(1) (2015), 147-162
13. Coloring digraphs with forbidden cycles, Z. Chen, J. Ma and W. Zang, *J. Combin. Theory, Ser. B* 115 (2015), 210-223
14. Maximizing proper colorings on graphs, J. Ma and H. Naves, *J. Combin. Theory, Ser. B* 115 (2015), 236-275
15. K_5 -subdivisions in graphs containing $K_2, 3$, K. Kawarabayashi, J. Ma and X. Yu, *J. Combin. Theory, Ser. B* 113 (2015), 18-67.
16. On Judicious bipartitions of graphs, J. Ma and X. Yu, *Combinatorica*, 36 (2016), 537-556.
17. Graphs containing topological H , J. Ma, Q. Xie and X. Yu, *J. Graph Theory* 82(2) (2016), 121-153.
18. Cycles with consecutive odd lengths, J. Ma, *European Journal of Combinatorics* 52 (2016), 74-78.
19. Diameter critical graphs, P. Loh and J. Ma, *J. Combin. Theory, Ser. B* 117 (2016), 34-58.
20. On edges not in monochromatic copies of a fixed bipartite graph, J. Ma, *J. Combin. Theory, Ser. B* 123 (2017), 240-248
21. Some extremal results on complete degenerate hypergraphs, J. Ma, X. Yuan and M. Zhang, *J. Combin. Theory, Ser. A* 154 (2018), 598-609.
22. Cycle lengths and minimum degree of graphs, C. Liu and J. Ma, *J. Combin. Theory, Ser. B* 128 (2018), 66-95.
23. Coloring graphs with two odd cycle lengths, J. Ma and B. Ning, *SIAM J. Discrete Math* 32(1) (2018), 296-319.
24. Cycles with two blocks in k -chromatic digraphs, R. Kim, S. Kim, J. Ma and B. Park, *J. Graph Theory*, 88 (2018), 592-605.
25. Cycles of given lengths in hypergraphs, T. Jiang and J. Ma, *J. Combin. Theory, Ser. B* 133 (2018), 54-77.
26. Decomposing C_4 -free graphs under degree constraints, J. Ma and T. Yang, *J. Graph Theory* 90 (2019), 13-23.
27. On tight cycles in hypergraphs, H. Huang and J. Ma, *SIAM J. Discrete Math* 33(1) (2019), 230-237.
28. Stability results on the circumference of a graph, J. Ma and B. Ning, *Combinatorica*, to appear.
29. On problems about judicious bipartitions of graphs, Y. Ji, J. Ma, J. Yan and X. Yu, *J. Combin. Theory, Ser. B* 139(2019), 230-250.

30. On a conjecture of Bondy and Vince, J. Gao and J. Ma, *J. Combin. Theory, Ser. B* 141(2020), 136-142.
31. Some sharp results on the generalized Turan numbers, J. Ma and Y. Qiu, *European J. Combin.* 84 (2020), 103026.

Preprints

32. On Turan exponents of some bipartite graphs, T. Jiang, J. Ma and L. Yepremyan, Submitted.
33. A unified proof of conjectures on cycle lengths in graphs, J. Gao, Q. Huo, C. Liu and J. Ma, Submitted.
34. A conjecture of Verstraete on vertex-disjoint cycles, J. Gao and J. Ma, Submitted.
35. Counting critical subgraphs in k -critical graphs, J. Ma and T. Yang, Submitted.
36. Nochromatic subgraphs in iterated triangulations, J. Ma, T. Tang and X. Yu, Submitted.
37. Stability and supersaturation of 4-cycles, J. He, J. Ma and T. Yang, Submitted.

Grants and Awards

- USTC-Special Project to Promote The Internationalization of Mathematics Discipline Construction, 2020.01-2020.12
- Prize of young teachers award in colleges and universities, Fok Ying Tung Education Foundation/Ministry of Education of The People's Republic of China, 2018
- Youth Science Award of Applied Mathematics, China Society of Industrial and Applied Mathematics (CSIAM), 2018
- Anhui Youth Science Award of Mathematics, Anhui Province Mathematical Society, 2017
- Anhui Initiative in Quantum Information Technologies grant AHY 150200, 2018.01-2022.12
- National Natural Science Foundation of China (NSFC) Grant #11622110, The National Science Fund for Excellent Young Scholars 2017.01-2019.12
- National Natural Science Foundation of China (NSFC) Grant #11501539, 2016.01-2018.12
- USTC- Important Project Cultivation Fund, 2015.01-2017.12
- AMS-Simons Travel Grants, 2012-2013.
- Festa Fellowship, June 2011, School of Mathematics, Georgia Institute of Technology.

Service

- *SIAM Journal on Discrete Mathematics*, Associate Editor, since 2018.1.1
- Board member of the following societies:
 - Chinese Mathematical Society, China Society for Combinatorics and Graph Theory (CSCGT)
 - China Society for Industrial and Applied Mathematics (CSIAM), Activity Group on Graph Theory and Combinatorics with Applications
 - Operations Research Society of China (ORSC), Branch on Graph Theory and Combinatoric
- Referee for the following journals:
 - *Advance in Combinatorics*
 - *Combinatorica*
 - *Discrete Mathematics*
 - *European Journal of Combinatorics*

- Graphs and Combinatorics
- International Mathematics Research Notices
- Journal of Combinatorial Optimization
- Journal of Combinatorial Theory Series A
- Journal of Combinatorial Theory Series B
- Journal of Combinatorics
- Journal of Graph Theory
- Random Structure and Algorithms
- SIAM Journal on Discrete Mathematics
- Organizer or co-organizer of the following international conferences:
 - TSIMF workshop on "Combinatorics", Tsinghua Sanya International Mathematics Forum (TSIMF), Sanya, China, January 11-15, 2021
 - TSIMF workshop on "Recent Advances in Extremal Combinatorics workshop II", Tsinghua Sanya International Mathematics Forum, Sanya, China, May 18 - 22, 2020
 - TSIMF workshop "Recent Advances in Extremal Combinatorics", Tsinghua Sanya International Mathematics Forum, Sanya, China, May 22-26, 2017.
 - The minisymposium "Extremal Combinatorics, Probabilistic Combinatorics, and their applications", at the 8th International Congress on Industrial and Applied Mathematics (ICIAM), August 2015, Beijing, China
 - 2015 International Workshop on Graphs and Combinatorics, at USTC-Anhui University, May 2015, Hefei, Anhui, China
 - Special Session on "Topics in Graph Theory: Structural and Extremal Problems", at the 2015 Spring Western Sectional Meeting of the American Mathematical Society, April 2015, Las Vegas, Nevada, USA
- Project reviewer for the following funding programs:
 - National Natural Science Foundation of China (NSFC)
 - The Mathematical Sciences Program of the National Security Agency (NSA), USA

Selected Invited Talks

- A unified proof of some conjectures on cycles, Fudan University, Shanghai, China, December 20, 2019
- Stability and supersaturation of 4-cycles, East China Normal University, Shanghai, China, December 19, 2019
- Stability and applications of 4-cycles, The 10th Conference of Tsinghua Sanya International Mathematics Forum- Conference on Graph Theory and its Applications: a Tribute to Professor Fan Chung, Sanya, Hainan, China, December 16-18, 2019
- Stability and applications of quadrilaterals, The 2th Discrete Mathematics and Optimization conference, Xiamen University, Xiamen, China, October 18-22, 2019
- Counting critical subgraphs in critical graphs, Georgia Institute of Technology, Atlanta, GA, US, October 3, 2019
- Stability and applications of quadrilaterals, Combinatorics Seminar at Emory University, Atlanta, GA, USA, September 30, 2019
- Counting critical subgraphs in k-critical graphs, WaterColor 2019, University of Waterloo, Waterloo, Canada, September 23-27, 2019

- Cycle lengths in graphs of given minimum degree and chromatic number, 27th British Combinatorial Conference, University of Birmingham, Birmingham, UK, July 29-August 2, 2019
- A unified proof of some conjectures on cycle lengths, The 19th International Conference on Random Structures and Algorithms, ETH Zürich, Zürich, Switzerland, July 15-19, 2019
- Some topics in Extremal Combinatorics, Young scholars in Combinatorics and Graph Theory Workshop, China Society for Combinatorics and Graph Theory (CSCGT)/Fuzhou University, Fuzhou, Fujian, China, June 20-23, 2019
- On a conjecture of Bondy and Vince, Beijing Jiaotong University, Beijing, China, June 7, 2019
- On a conjecture of Bondy and Vince, Central China Normal University, Wuhan, Hubei, China, May 7, 2019
- Tight bounds on consecutive cycles in graphs, TSIMF workshop on "Structural Graph theory and graph coloring", Sanya, Hainan, China, April 28- May 3, 2019
- A completion of Thomassen's conjecture on cycle lengths mod k , Fuzhou University, Fuzhou, Fujian, China, March, 2019
- Tight cycles in hypergraphs, Nanjing University of Aeronautics and Astronautics, Nanjing, Jiangsu, China, January, 2019
- On the extremal number of quadrilateral-free graphs, SCMS workshop on Structural and Extremal Graph Theory, Fudan university, Shanghai, China, December 1, 2018
- Turan exponents of bipartite graphs, the 4th Japan-Sino Symposium on Graph Theory, Tokyo, Japan, November 2-4, 2018
- From counting lines to counting subgraphs, Yokohama National University, Yokohama, Japan, November, 2018
- Cycles lengths in graphs with large minimum degree, the 14th Annual Conference of Operations Research Society of China, Chongqing, China, October 12-15, 2018
- Extremal combinatorics: Turan type problems on cycles, the 16th Annual Conference of China Society for Industrial and Applied Mathematics (CSIAM), Chendu, Sichuan, China, September 14-16, 2018
- Tight cycles in hypergraphs, Fuzhou University, June, 2018
- Turan type problems in Extremal Combinatorics, The Hong Kong University of Science and Technology, Hong Kong, China, February 19-26, 2018
- Stability results in graphs of given circumference, Combinatorics Seminar at Tel Aviv University, Tel Aviv, Israel, December 10, 2017
- Extremal combinatorics: Turan type problems on cycles, The 1st Annual Conference of International Consortium of Chinese Mathematicians, Guangzhou, Guangdong, China, December 27-29, 2017
- Extremal numbers on cycles in hypergraphs, Anhui Mathematical Society, Anhui, China, October 27-29, 2017
- Stability results on long cycles in graphs, Zhejiang Normal University, Jinhua, Zhejiang, China, October 20-22, 2017
- From counting lines to counting subgraphs, Miami University, Colloquium, Florida, USA, October 05, 2017

- Extremal numbers on cycles in hypergraphs, Atlanta Lecture Series in Combinatorics and Graph Theory XX (Atl-ALS XX), Atlanta, Georgia, USA, September 30, 2017
- Stability results in graphs of given circumference, Graph Theory Seminar at Georgia Tech, Atlanta, GA, US, September 28, 2017
- Circumference, AMS Sectional Meeting at the University of Central Florida, Orlando, Florida, USA, September 23, 2017
- Stability results in graphs of given circumference, Princeton, USA, September 21, 2017
- Stability on circumference, AMS Sectional Meeting at SUNY Buffalo, Buffalo, New York, USA, September 17, 2017
- Stability results on the circumference of a graph, Anhui University, Hefei, Anhui, China, August, 2017
- A brief introduction of Flag Algebra, Jiangsu Normal University, Jiangsu, China, August 7, 2017
- Decomposing C_4 -free graphs under degree constraints, 7th Matrix and Spectral Graph Theory Seminar, Chuzhou University, Anhui, China, August 5-7, 2017
- Cycles of given lengths in hypergraphs, Dalian University of Technology, Dalian, Liaoning, China, July, 2017
- Many copies of k -cliques in H -free graphs, Beijing Jiaotong University, Beijing, China, June 3-5, 2017
- A brief introduction of Flag Algebra, Fuzhou University, Fuzhou, Fujian, China, June, 2017
- On some extremal problems in graphs and hypergraphs, Fuzhou University, Fuzhou, Fujian, China, June, 2017
- Cycles of given lengths in hypergraphs, Jiangsu Normal University, Xuzhou, Jiangsu, China, June, 2017
- Turan numbers on complete degenerate hypergraphs, Fudan University, Shanghai, China, March, 2017
- Cycles of given lengths in hypergraphs, Shanghai University, Shanghai, China, March, 2017
- Some extremal results on complete degenerate hypergraphs (February 15), 26th Coast Combinatorics Conference, Kailua-Kona, Hawaii, USA, February 13-16, 2017
- Cycles in hypergraphs, Korean Society for Industrial and Applied Mathematics 2016 Annual Meeting, Jeju, Korea, November 11-13, 2016
- Some problems on extremal graph theory: cycles and colorings, The 7th Combinatorics and Graph Theory National Conference, Shijiazhuang, China, 14-17 August, 2016
- Problems and Results on Bisections, SIAM DM minisymposium on Extremal Combinatorics, The 2016 SIAM Conference on Discrete Mathematics, Atlanta, GA, USA, June 6-10, 2016
- Cycles lengths in sparse graphs, Seminar talk at Miami University, Oxford, Ohio, USA, 31 May, 2016
- Extremal problems on diameter-critical graphs, 2016 International Workshop on Graph Theory and Combinatorics, Ewha Womans University, Seoul, Korea, February 18-20, 2016
- Discrepancy of random graphs and hypergraphs, The 12nd National Mathematics Conference, Beijing, China, 21-24 November, 2015
- Maximizing proper colorings on graphs, the 8th International Congress on Industrial and Applied Mathematics (ICIAM 2015), Beijing, China, 10-14 August, 2015
- Maximizing the chromatic polynomial, GTCA2015, Lanzhou, China, 17-20 July, 2015

- Extremal problems on diameter critical graphs, The 8th Cross-strait Conference on Graph Theory and Combinatorics, Zhongshan University, Gaoxiong, Taiwan, 26 June- 2 July, 2015
- Cycles with length condition and a conjecture of Thomassen, AMS 2015 Spring Western Sectional Meeting, University of Nevada at Las Vegas, Las Vegas, NV, USA, 18-19 April, 2015
- Coloring digraphs with forbidden cycles, 2015 Atlanta Lecture Series in Combinatorics and Graph Theory, Georgia Institute of Technology, Atlanta, GA, USA, 12 April, 2015
- Digraph colorings and forbidden cycles, November 21, 2014, Combinatorics Seminar at University of Mississippi, Oxford, Mississippi, USA
- Maximizing proper colorings on graphs, November 10, 2014, the Sixth Combinatorics and Graph Theory National Conference, Guangzhou, Guangdong, China
- Coloring digraphs with forbidden cycles, October 16, 2014, Discrete Mathematics Seminar at Princeton University, Princeton, NJ, USA
- Relations between digraph colorings and cycle class, October 2, 2014, ACO-Seminar at Carnegie Mellon University, Pittsburgh, PA, USA
- Diameter-critical graphs, June 18, 2014, SIAM Minisymposium on Probabilistic and Extremal Combinatorics, at The 2014 SIAM Conference on Discrete Mathematics, Minneapolis, MN, USA
- Extremal problems on diameter-k-critical graphs, June 11, 2014, Combinatorics Seminar at Jiangsu Normal University, Xuzhou, Jiangsu, China
- Extremal problems on diameter-2-critical graphs, June 10, 2014, Combinatorics Seminar at Anhui University, Hefei, Anhui, China
- Maximizing the number of proper colorings in graphs, June 7, 2014, Combinatorics Seminar at the University of Science and Technology of China, Hefei, Anhui, China
- Extremal problems on diameter-2-critical graphs, June 2, 2014, The 2014 Combinatorics and Graph Theory Conference at The Hunan University, Changsha, Hunan, China
- The maximum number of proper colorings in graphs with fixed numbers of vertices and edges, April 16, 2014, Combinatorics Seminar at University of West Virginia, Morgantown, WV, USA
- Graphs with the maximum number of proper q-colorings, March 7, 2014, Georgia Tech Combinatorics Seminar, Atlanta, GA, USA
- Maximizing the number of proper colorings of graphs, January 16, 2014, AMS Special Session on Graph Theory: Structural and Extremal Problems, The 2014 Joint Mathematics Meetings, Baltimore, MD, USA
- Graphs with maximum number of proper q-colorings and a conjecture of Lazebnik, September 19, 2013, ACO-Seminar at Carnegie Mellon University, Pittsburgh, PA, USA
- The Maximum number of q-colorings, August 08, 2013, The 16th International conference on Random Structures and Algorithms, Poznan, Poland
- Discrepancy of graphs: a conjecture of Bollobas-Scott, July 22, 2013, in CUHK Computer Science and Engineering Seminar, The Chinese University of Hong Kong, Hong Kong, China
- Relative discrepancy between random graphs and hypergraphs, June 22, 2013, The 2013 Graph Theory and Combinatorics International Workshop at The Anhui University, Hefei, Anhui, China

- Discrepancy of random graphs and hypergraphs, January 26, 2013, Extremal and Probabilistic Combinatorics at UCLA, Los Angeles, CA, USA
- On the minimum number of k -cliques, November 20, 2012, Georgia Tech Graph Theory Seminar, Atlanta, GA, USA
- A problem of Erdős on the minimum number of k -cliques, August 23, 2012, BIRS Workshop: New Trends and Directions in Combinatorics, Banff, Canada
- Extremal Problems in Eulerian Digraphs, May 09, 2012, Graph Theory at Georgia Tech conference, Atlanta, GA, USA
- Problems in Eulerian Digraphs, March 08, 2012, UCLA Combinatorics Seminar, Los Angeles, CA, USA
- On the behavior of Judicious bipartitions, November 05, 2011, Atlanta Lecture Series in Combinatorics and Graph Theory, Georgia State University, Atlanta, GA, US
- Min-Max relations on graphs embedded in surfaces, June 15, 2011, IAPM Reunion Workshop, Lake Arrowhead, CA, USA
- A characterization of 4-ordered cycle in planar graphs, April 29, 2011, Georgia Tech SIAM student Seminar, Atlanta, GA, USA
- Judicious partitions of 3-uniform hypergraphs, March 26, 2011, SIAM-SEAS 2011 Annual meeting, University of North Carolina at Charlotte, Charlotte, NC, USA
- Judicious partitions of 3-uniform hypergraphs, January 21, 2011, Georgia Tech Combinatorics Seminar, Atlanta, GA, USA
- Judicious partition of graphs and hypergraphs, September 22, 2009, UCLA-IPAM Combinatorics Seminar, Los Angeles, CA, USA
- TK5 in 5-connected non-planar graphs, April 23, 2009, Georgia Tech Graph Theory Seminar, Atlanta, GA, USA
- Judicious Partitions of Hypergraphs, April 4, 2009, the 33rd SIAM Southeastern-Atlantic Section Annual Meeting, University of South Carolina, SC, USA

Selected Academic Activities

- The 10th Conference of Tsinghua Sanya International Mathematics Forum- Conference on Graph Theory and its Applications: a Tribute to Professor Fan Chung, Sanya, Hainan, China, December 16-18, 2019
- The 2nd East Asia Workshop on Extremal and Structural Graph Theory, Jocheon-eup, Jeju, Republic of Korea, October 31- November 4, 2019
- The 2nd Discrete Mathematics and Optimization Conference, Xiamen University, Xiamen, China, October 18-22, 2019
- WaterColor 2019, University of Waterloo, Ontario, Canada, September 23-27, 2019
- The 27th British Combinatorial Conference, University of Birmingham, Birmingham, UK, July 29-August 2, 2019
- The 19th International Conference on Random Structures and Algorithms, ETH Zürich, Zürich, Switzerland, July 15-19, 2019
- Young scholars in Combinatorics and Graph Theory Workshop, China Society for Combinatorics and Graph Theory (CSCGT)/Fuzhou University, Fuzhou, Fujian, China, June 20-23, 2019

- TSIMF workshop on "Structural Graph theory and graph coloring", Sanya, Hainan, China, April 28- May 3, 2019
- SCMS workshop on Structural and Extremal Graph Theory, Fudan university, Shanghai, China, December 1-2, 2018
- The 4th Japan-Sino Symposium on Graph Theory, Tokyo, Japan, November 2-4, 2018
- 14th Annual Conference of Operations Research Society of China, Chongqing, China, October 12-15, 2018
- 16th Annual Conference of China Society for Industrial and Applied Mathematics (CSIAM), Chendu, Sichuan, China, September 14-16, 2018
- The 8th Combinatorics and Graph Theory National Conference, Hefei, Anhui, China, August 23-26, 2018
- The 1st Annual Conference of International Consortium of Chinese Mathematicians, Guangzhou, Guangdong, China, December 27-29, 2017
- Atlanta Lecture Series in Combinatorics and Graph Theory XX (Atl-ALS XX), Atlanta, Georgia, USA, September 30, 2017
- AMS Sectional Meeting at the University of Central Florida, Orlando, Florida, USA, September 23-24, 2017
- AMS Sectional Meeting at SUNY Buffalo, Buffalo, New York, USA, Sep 16-17, 2017
- Conference on Circle structure in graphs, Yinchuan, Ningxia, China, August 11-13, 2017
- 7th Matrix and Spectral Graph Theory Conference, Chuzhou University, Anhui, China, August 5-7, 2017
- 2017 Graph Theory and Combinatorial Algorithms Conference (GTCA2017), Shanxi, China, July 28-31, 2017
- 26th Coast Combinatorics Conference, Kailua-Kona, HI, USA, February 13-16, 2017
- Plenary talk, at the 7th Combinatorics and Graph Theory National Conference, Shijiazhuang, China, 14-17 August, 2016
- The 2016 SIAM Conference on Discrete Mathematics, Atlanta, GA, USA, June 6-10, 2016
- The 8th Cross-strait Conference on Graph Theory and Combinatorics, Zhongshan University, Gaoxiong, Taiwan, 26 June- 2 July, 2015
- 2015 Atlanta Lecture Series in Combinatorics and Graph Theory, Georgia Institute of Technology, Atlanta, GA, USA, 12 April, 2015
- The Sixth Combinatorics and Graph Theory National Conference, November, 2014, Guangzhou, Guangdong, China
- IMA Workshop: Extremal and Probabilistic Combinatorics, September 2014, Minneapolis, MN, USA
- The 2014 SIAM Conference on Discrete Mathematics, June 2014, Minneapolis, MN, USA
- The 2014 Combinatorics and Graph Theory Conference at The Hunan University, June 2014, Changsha, Hunan, China
- The 2014 Joint Mathematics Meetings, January 2014, Baltimore, MD, USA
- The 16th International conference on Random Structures and Algorithms, August 2013, Poznan, Poland
- Visiting Scholar, July 2013, Department of Mathematics in the University of Hone Kong, Hong Kong

- The 2013 Graph Theory and Combinatorics International Workshop, June 2013, Anhui University, Anhui, China
- EXCILL2: Extremal Combinatorics at Illinois, March 2013, UIUC, IL, USA
- Extremal and Probabilistic Combinatorics, January 2013, UCLA, CA, USA
- BIRS Workshop: New Trends and Directions in Combinatorics, August 2012, BIRS, Banff, Canada.
- Graph Theory at Georgia Tech conference, May 2012, Georgia Institute of Technology, GA, USA
- Atlanta Lecture Series in Combinatorics and Graph Theory IV, November 2011, Georgia State University, US
- IPAM Reunion Workshop, June 2011, Lake Arrowhead, CA, USA
- 15th International Conference on Random Structures and Algorithms, May 2011, Emory University, GA, USA
- Atlanta Lecture Series in Combinatorics and Graph Theory III, April 2011, Georgia Institute of Technology, GA, USA
- 2011 SIAM-SEAS, March 2011, University of North Carolina at Charlotte, NC, USA
- Atlanta Lecture Series in Combinatorics and Graph Theory II, February 2011, Georgia State University, GA, USA
- Visiting Scholar, December 2010- January 2011, National Institute for Informatics, Tokyo, Japan
- Atlanta Lecture Series in Combinatorics and Graph Theory I, November 2010, Emory University, GA, USA
- Visiting Scholar, June-July 2010, Department of Mathematics in the University of Hong Kong, Hong Kong, China
- Combinatorics: Methods and Applications in Mathematics and Computer Science (workshop), September- December 2009, Institute for Pure and Applied Mathematics (IPAM), UCLA, CA, USA
- DIMACS Workshop on Graph Colouring and Structure, May 2009, Princeton University, NJ, USA
- 33rd SIAM Southeastern-Atlantic Section Annual Meeting, April 2009, University of South Carolina, SC, USA