

June E Huh

Curriculum Vitae

Princeton University
Department of Mathematics
Fine Hall, Washington Road
Princeton NJ 08544-1000

Employment

Professor, *Princeton University*, 2021–present.

Professor, *Stanford University*, 2020–2021.

Fernholz Visiting Professor, *Institute for Advanced Study and Princeton University*, 2019–2020.

Visiting Professor, *Institute for Advanced Study*, 2017–2019.

Veblen Fellow, *Institute for Advanced Study and Princeton University*, 2014–2017.

Clay Fellow, *Clay Mathematics Institute*, 2014–2019.

Education

Ph.D. in Mathematics, *University of Michigan*, 2014, Advisor: Mircea Mustață.

M.S. in Mathematics, *Seoul National University*, 2009, Advisor: Young-Hoon Kiem.

B.S. in Physics and Astronomy and Mathematics, *Seoul National University*, 2007.

Visiting

Distinguished Visiting Professor, *Institute for Advanced Study*, 2024–2025.

KIAS Distinguished Professor, *Korea Institute for Advanced Study*, 2022–present.

KIAS Professor, *Korea Institute for Advanced Study*, 2021–2022.

KIAS Scholar, *Korea Institute for Advanced Study*, 2015–2021.

Publications

The Bergman fan of a polymatroid,

with Colin Crowley, Matt Larson, Connor Simpson, and Botong Wang,
Transactions of the American Mathematical Society **379** (2026), 3239–3256.

Stellahedral geometry of matroids, with Christopher Eur and Matt Larson,

Forum of Mathematics, Pi **11** (2023), 1–48.

Lagrangian geometry of matroids, with Federico Ardila and Graham Denham,

Journal of the American Mathematical Society **36** (2023), 727–794.

Lagrangian combinatorics of matroids, with Federico Ardila and Graham Denham,

Algebraic Combinatorics **6** (2023), 387–411.

Combinatorics and Hodge theory,

Proceedings of the International Congress of Mathematicians **1** (2022), 212–239.

- Logarithmic concavity of Schur and related polynomials**,
with Jacob Matherne, Karola Mészáros, and Avery St. Dizier,
Transactions of the American Mathematical Society **375** (2022), 4411–4427.
- A semi-small decomposition of the Chow ring of a matroid**,
with Tom Braden, Jacob Matherne, Nick Proudfoot, and Botong Wang,
Advances in Mathematics **409** (2022), 108646.
- Correlation bounds for fields and matroids**, with Benjamin Schröter and Botong Wang,
Journal of the European Mathematical Society **24** (2022), 1335–1351.
- Lorentzian polynomials**, with Petter Brändén,
Annals of Mathematics **192** (2020), 821–891.
- Logarithmic concavity for morphisms of matroids**, with Christopher Eur,
Advances in Mathematics **367** (2020), 107094.
- Combinatorial applications of the Hodge–Riemann relations**,
Proceedings of the International Congress of Mathematicians **3** (2018), 3079–3098.
- Hodge theory for combinatorial geometries**, with Karim Adiprasito and Eric Katz,
Annals of Mathematics **188** (2018), 381–452.
- Tropical geometry of matroids**,
Current Developments in Mathematics 2016, 1–46, International Press, 2018.
- Enumeration of points, lines, planes, etc.**, with Botong Wang,
Acta Mathematica **218** (2017), 297–317.
- A tropical approach to a generalized Hodge conjecture for positive currents**, with Farhad Babaei,
Duke Mathematical Journal **166** (2017), 2749–2813.
- Hodge theory of matroids**, with Karim Adiprasito and Eric Katz,
Notices of the American Mathematical Society **64** (2017), 26–30.
- Lefschetz classes on projective varieties**, with Botong Wang,
Proceedings of the American Mathematical Society **145** (2017), 4629–4637.
- Positivity of Chern classes of Schubert cells and varieties**,
Journal of Algebraic Geometry **25** (2016), 177–199.
- h -vectors of matroids and logarithmic concavity**,
Advances in Mathematics **270** (2015), 49–59.
- Rota’s conjecture, the missing axiom, and prime cycles in toric varieties**,
Combinatorial methods in topology and algebra, Springer INdAM Series **12** (2015), 59–62.
- Milnor numbers of projective hypersurfaces with isolated singularities**,
Duke Mathematical Journal **163** (2014), 1525–1548.
- Likelihood Geometry**, with Bernd Sturmfels,
Combinatorial Algebraic Geometry, 63–117, Lecture Notes in Mathematics 2108, Springer, 2014.
- Varieties with maximum likelihood degree one**,
Journal of Algebraic Statistics **5** (2014), 1–17.
- The maximum likelihood degree of a very affine variety**,

Compositio Mathematica **149** (2013), 1245–1266.

Log-concavity of characteristic polynomials and the Bergman fan of matroids, with Eric Katz, *Mathematische Annalen* **354** (2012), 1103–1116.

Milnor numbers of projective hypersurfaces and the chromatic polynomial of graphs, *Journal of the American Mathematical Society* **25** (2012), 907–927.

Preprints

Volume polynomials,
arXiv:2601.13249.

Tree metrics and log-concavity for matroids,
with Federico Ardila, Sergio Crisancho, Graham Denham, Christopher Eur, and Botong Wang,
arXiv:2601.02547.

A decomposition theorem for Lefschetz modules,
with Omid Amini and Matt Larson, arXiv:2511.02026.

Bounded ratios for Lorentzian matrices,
with Daoji Huang, Daniel Soskin, and Botong Wang, arXiv:2510.25030.

Lorentzian polynomials and matroids over triangular hyperfields 1. Topological aspects,
with Matt Baker, Mario Kummer and Oliver Lorscheid, arXiv:2508.02907.

Representation theory for polymatroids,
with Matt Baker, Donggyu Kim, Mario Kummer and Oliver Lorscheid, arXiv:2507.14718.

Linear operators preserving volume polynomials,
with Lukas Grund, Mateusz Michałek, Hendrik Süß, and Botong Wang, arXiv:2506.22415.

Realizations of homology classes and projection areas,
with Daoji Huang, Mateusz Michałek, Botong Wang, and Shouda Wang, arXiv:2505.08881.

Singular Hodge theory for combinatorial geometries,
with Tom Braden, Jacob Matherne, Nick Proudfoot, and Botong Wang, arXiv:2010.06088.

Hodge-Riemann relations for Potts model partition functions,
with Petter Brändén, arXiv:1811.01696.

A counterexample to the geometric Chevalley–Warning conjecture,
arXiv:1307.7765.

Correspondences between projective planes,
arXiv:1303.4113.

————— Honors

Plenary Speaker, Mathematical Congress of the Americas, Miami, 2025.

Distinguished Visiting Professor, Institute for Advanced Study, 2024–2025.

Member, The Korean Academy of Science and Technology, 2023.

Honorary Member, The National Academy of Sciences, Republic of Korea, 2023.

Frontiers of Science Award, International Congress of Basic Sciences, 2023.

MacArthur Fellow, MacArthur Foundation, 2022.

Fields Medal, International Mathematical Union, 2022.

Simons Investigator Award, Simons Foundation, 2021.

Samsung Ho-Am Prize in Science, Ho-Am Foundation, 2021.

National Science Foundation FRG grant DMS-2053308, 2021.

Matroids, Graphs, and Algebraic Geometry, with Melody Chan, Sam Payne, and Nick Proudfoot.

New Horizons in Mathematics Prize, Breakthrough Prize Foundation, 2019.

Invited Speaker, International Congress of Mathematicians, Rio de Janeiro, 2018.

Séminaire Bourbaki Talk by Antoine Chambert-Loir, 2018.

Relations de Hodge-Riemann et matroïdes, d'après Adiprasito, Huh et Katz, n^o 1144, Mars 2018.

AMS Current Events Bulletin Talk by Matt Baker, 2017.

Hodge theory in combinatorics, Bulletin of the American Mathematical Society 55 (2018), 57–80.

Blavatnik Regional Award for Young Scientists, New York Academy of Sciences, 2017.

Compositio Prize Finalist, Foundation Compositio Mathematica, 2016.

ProQuest Distinguished Dissertation Award, University of Michigan, 2015.

Clay Research Fellowship, Clay Mathematics Institute, 2014.

The Wirt and Mary Cornwell Prize in Mathematics, University of Michigan, 2014.

Sumner Myers Thesis Prize, University of Michigan, 2014.

Harvard Junior Fellowship, Harvard Society of Fellows, 2014 (declined).

Miller Research Fellowship, Miller Institute, University of California Berkeley, 2014 (declined).

NSF Mathematical Sciences Postdoctoral Research Fellowship, 2014 (declined).

Outstanding Teaching Assistant Award, Faculty of Liberal Education, Seoul National University, 2009.

Professional Service

Springer Graduate Texts in Mathematics, Associate Editor, 2021–present.

Duke Mathematical Journal, Editor, 2020–present.

International Mathematics Research Notices, Editor, 2020–present.

Combinatorial Theory, Advisory Editor, 2020–present.

Princeton Undergraduate Research Journal, Faculty Advisory Board, 2023–present.

Journal of Combinatorial Theory Series A, Editor, 2019–2020.

Referee for:

Acta Mathematica*, Acta Mathematica Sinica, Advances in Applied Mathematics,
 Advances in Mathematics, Algebra and Number Theory*, Algebraic Combinatorics*,
 Algebraic Statistics*, Annales scientifiques de l'École normale supérieure,
 Annals of Mathematics*, Australasian Journal of Combinatorics,
 Bulletin Mathématique de la Société des Sciences Mathématiques de Roumanie, Combinatorica*,
 Compositio Mathematica, Discrete and Computational Geometry*, Duke Mathematical Journal,
 European Journal of Combinatorics, Experimental Mathematics*, Forum of Mathematics, Pi*,
 Forum of Mathematics, Sigma*, Geometric and Functional Analysis*, Geometry and Topology*,
 International Mathematics Research Notices, Inventiones Mathematicae*,
 Journal für die reine und angewandte Mathematik*, Journal of Algebra*, Journal of Algebraic Combinatorics*,
 Journal of Algebraic Geometry*, Journal of the Association for Mathematical Research*,
 Journal de Mathématiques Pures et Appliquées*, Journal of Combinatorial Algebra*,
 Journal of Combinatorial Theory Series A, Journal of Combinatorial Theory Series B,
 Journal of Graph Theory, Journal of Pure and Applied Algebra,
 Journal of the American Mathematical Society*, Journal of the European Mathematical Society,
 Journal of Topology*, Mathematical Proceedings of the Cambridge Philosophical Society*,
 Mathematical Research Letters, Mathematische Annalen, Mathematische Zeitschrift*,
 Michigan Mathematical Journal*, Moduli*, Notices of the American Mathematical Society*,
 Pacific Journal of Mathematics*, Proceedings of the American Mathematical Society,
 Proceedings of the Edinburgh Mathematical Society, Proceedings of the London Mathematical Society*,
 Transactions of the American Mathematical Society*, Selecta Mathematica*,
 Séminaire Lotharingien Combinatoire.

Reviewer for:

American Mathematical Society*, Banff International Research Station,
 Natural Sciences and Engineering Research Council of Canada, National Science Foundation,
 National Security Agency, Princeton University Press*, Simons Foundation, Springer*. (* = quick opinion).

 **Organization**

Algebra and Geometry of Matroids – ICM 2026 satellite event,

with Matt Baker, Lucia Lopez de Medrano, Felipe Rincón, and Kristin Shaw, BIRS, September 2026.

<https://www.birs.ca/events/2026/5-day-workshops/26w5623>

AMS Special Session on Combinatorial Algebraic Geometry,

with Daoji Huang and Matt Larson, Joint Mathematics Meetings, Washington, D.C., January 2026.

<https://jointmathematicsmeetings.org/jmm>

Arbeitsgemeinschaft: Combinatorial Hodge Theory,

with Chris Eur and Matt Larson, Oberwolfach Research Institute for Mathematics, October 2025.

https://www.mfo.de/occasion/2542/www_view

IAS Special Year on Algebraic and Geometric Combinatorics, 2024–2025.

<https://www.ias.edu/math/events/sp/24-25>

Combinatorics of Enumerative Geometry,

with Paolo Aluffi, Dave Anderson, and Leonardo Mihalcea, IAS, Princeton, February 2024.

<https://www.ias.edu/math/events/workshop-combinatorics-enumerative-geometry>

Combinatorics of Fundamental Physics,

with Nima Arkani-Hamed, Thomas Lam, and Bernd Sturmfels, IAS, Princeton, November 2024.

<https://www.ias.edu/math/events/combinatorics-fundamental-physics-workshop>

Geometry of Matroids,

with Matt Baker, Chris Eur, Oliver Lorscheid, and Felipe Rincón, IAS, Princeton, October 2024.

<https://www.ias.edu/math/events/geometry-matroids-workshop>

Algebraic Aspects of Matroid Theory,

with Matt Baker, Felipe Rincón, and Kristin Shaw, Banff International Research Station, March 2023.

<https://www.birs.ca/events/2023/5-day-workshops/23w5149>

Semester Program on Combinatorial Algebraic Geometry at ICERM,

with Anders Buch, Melody Chan, Thomas Lam,

Leonardo Mihalcea, Sam Payne, and Lauren Williams, ICERM, Spring 2021.

<https://icerm.brown.edu/programs/sp-s21/>

KIAS Workshop on Combinatorial Problems of Algebraic Origin,

with Jae-Hoon Kwon and Kyungyong Lee, Korea Institute for Advanced Study, July 2020.

<http://events.kias.re.kr/h/KWCPAO/>

Princeton Mathematics Department Colloquium,

with Casey Lynn Kelleher and Assaf Naor, Fall 2019–Spring 2020.

<https://www.math.princeton.edu/events/seminars/department-colloquium>

KIAS Algebra-Geometry-Combinatorics Workshop,

with Kyungyong Lee, Korea Institute for Advanced Study, June 2019.

<http://events.kias.re.kr/h/WAGC19/>

Princeton Algebraic Geometry Seminar,

with Yuchen Liu, Fall 2016–Spring 2017.

http://web.math.princeton.edu/alggeom/public_html/

Hyperplane Arrangements, Wonderful Compactifications, and Tropicalization,

with Graham Denham and Alex Suciu, Banff International Research Station, April 2014.

<http://www.birs.ca/events/2014/focussed-research-groups/14frg193/>

———— Teaching and Mentoring

Postdoctoral Advisees

Lizzie Pratt, NSF Postdoctoral Fellow, Princeton University, 2027–2030.

Daniel Soskin, Institute for Advanced Study, 2024–2025.

Daoji Huang, Institute for Advanced Study, 2024–2025.

Luis Ferroni, Institute for Advanced Study, 2024–2025.

Basile Coron, Institute for Advanced Study, 2024–2025.

Shiyue Li, Institute for Advanced Study, 2023–2025.

Christopher Eur, NSF Postdoctoral Fellow, Stanford University, 2020–2021.

Jacob Matherne, Institute for Advanced Study, 2018–2019.

Graduate Students

Tuong Le, Princeton University, 2025–.

Chayim Lowen, Princeton University, 2025–.

Sergio Cristancho, Princeton University, 2024–.

Matt Larson (with Ravi Vakil), Stanford University, 2020–2024.

Undergraduate Students

Max Lind (with Joaquín Moraga), Princeton University, 2025.

Alan Yan, Princeton University, 2023.

Matthew Stevens, Stanford University, 2021.

Bill Huang, Princeton University, 2019.

Princeton University

Fall 2026 **Topics Algebraic Geometry.**

Spring 2026 **Commutative Algebra.**

Fall 2025 **Combinatorial Algebraic Geometry.**

Fall 2023 **Theory of Schemes II.**

Spring 2023 **Theory of Schemes I.**

Fall 2022 **Algebraic Geometry.**

Spring 2022 **Topics in Algebraic Combinatorics.**

Stanford University

Winter 2020 **Galois Theory.**

Winter 2020 **Topics in Combinatorics.**

Princeton University

Spring 2020 **Linear Algebra.**

Spring 2017 **Commutative Algebra.**

University of Michigan at Ann Arbor

Fall 2012 **Calculus I.**

Fall 2011 **Mathematics Laboratory, Staff.**

University of Illinois at Urbana-Champaign

Spring 2011 **Mathematical World.**

Fall 2010 **Calculus I, Recitation Session Leader**, Instructor: Florin Boca.

Fall 2009 **Calculus I, Recitation Session Leader**, Instructor: Christopher Leininger.

Seoul National University

Spring 2009 **Resolution of Singularities, Recitation Session Leader**, Instructor: Heisuke Hironaka.

Fall 2008 **Honors Calculus II, Recitation Session Leader**, Instructor: Young-Hoon Kiem.

Spring 2008 **Calculus I, Recitation Session Leader**, Instructor: In-Kang Kim.

Lecture Series

November '26 **Hans Schneider LAA Lectures.**

University of Wisconsin.

July '26 **Nankai Workshop on Combinatorics and Geometry.**

Nankai University.

April '26 **Pittsburgh Mathematical Horizons Lectures.**

University of Pittsburgh.

March '26 **Tondeur Lectures.**

University of Illinois Urbana-Champaign.

January '26 **Zassenhaus Lectures.**

The Ohio State University.

January '26 **AMS Erdős Lectures for Students.**

Joint Mathematics Meetings, Washington, D.C.

November '25 **FSU Distinguished Lecture Series.**

Florida State University.

September '25 **Stelson Lectures.**

Georgia Institute of Technology.

August '25 **KIAS-KAIST Workshop on Current Challenges in Mathematics.**

Korea Institute for Advanced Study.

July '25 **Summer Research Institute in Algebraic Geometry.**

Colorado State University.

- September '24 **Ziwet Lectures.**
University of Michigan.
- October '23 **Chow Lectures.**
Max Planck Institute for Mathematics in Leipzig.
- May '22 **Göran Gustafsson Lectures in Mathematics.**
Institute Mittag-Leffler.
- March '20 **Abraham Robinson Memorial Lectures.**
Yale University.
- November '19 **Simon Marais Lectures.**
University of Sydney.
- April '19 **Simons Lectures in Mathematics,** Massachusetts Institute of Technology.
with Alexander Barvinok.
- October '18 **Distinguished Lecture Series.**
Stanford University.
- June '18 **Combinatorics and Hodge Theory,** Nordfjordeid Summer School.
with Petter Brändén and Nicholas Proudfoot.
- May '18 **Andrzej Jankowski Memorial Lecture.**
Gdańsk University.
- September '17 **Instruments of Algebraic Geometry,** Bucharest.
with David Eisenbud, Peter Scholze, and Duco van Straten.
- November '16 **Current Developments in Mathematics,** Harvard University.
with László Babai, Kurt Johansson, Adam Marcus, Nikhil Srivastava, and Xinwen Zhu.
- July '16 **Summer School in Combinatorial Algebraic Geometry,** Fields Institute.
with Renzo Cavalieri and Milena Hering.
- June '16 **Erdős Lectures in Discrete Mathematics and Theoretical Computer Science.**
Hebrew University of Jerusalem.
- January '16 **Borel Seminar,** Les Diablerets.
with Laura Anderson, Alex Fink, Felipe Rincón, Matteo Varbaro, and Geordie Williamson.
- January '16 **Hodge theory in combinatorics,** Georgia Institute of Technology.
with Karim Adiprasito and Eric Katz.
- August '15 **Positivity in Combinatorial Algebraic Geometry,** University of Oregon.
with Federico Ardila, Alex Fink, Eric Katz, Nicholas Proudfoot, and Alexander Woo.

▬ Talks

- July '27 **Heisuke Hironaka Memorial Conference .**
Toulouse Mathematics Institute.
- October '26 **ICMAM Africa 2026.**
Online.
- October '26 **Mathematics and Physical Sciences Annual Meeting.**
Simons Foundation.
- September '26 **German Mathematical Society Annual Meeting.**
University of Konstanz.

- July '26 **ICMAM Latin America 2026.**
Online.
- June '26 **KMS 80th Anniversary Conference.**
Seoul.
- June '26 **40 Years of Higher Dimensional Geometry.**
Princeton University.
- May '26 **ZhengTong Chern-Weil Symposium in Mathematics.**
University of Chicago.
- May '26 **AGNES 2026: Algebraic Geometry Northeastern Series.**
Rutgers University.
- April '26 **Department Colloquium.**
University of Pittsburgh.
- March '26 **Max Planck-IAS-NTU Center Kick-off Conference.**
Institute for Advanced Study.
- November '25 **Princeton Undergraduate Mathematics Colloquium.**
Princeton University.
- July '25 **Mathematical Congress of the Americas.**
Miami.
- May '25 **Women⁺ and Mathematics 2025.**
Princeton University.
- May '25 **Algebraic Geometry Seminar.**
Princeton University.
- April '25 **Duke Mathematics Journal Conference.**
Duke University.
- February '25 **Department Colloquium.**
Stony Brook University.
- February '25 **Algebraic Geometry Seminar.**
Stony Brook University.
- February '25 **Mathematical Conversations.**
Institute for Advanced Study.
- September '24 **Members Colloquium.**
Institute for Advanced Study.
- July '24 **Suzhou Workshop on Matroid Theory.**
Soochow University.
- March '24 **The 30th KIAS Combinatorics Workshop.**
Korea Institute for Advanced Study.
- October '23 **Korean Mathematical Society Annual Meeting.**
Seoul National University, Online.
- August '23 **Public Lecture.**
Ho-Am Foundation.
- July '23 **Opening Conference.**
Center for Mathematical Challenges, Korea Institute for Advanced Study.
- January '23 **Matroids - Combinatorics, Algebra and Geometry Seminar.**
Fields Institute, Online.
- December '22 **Combinatorial Algebraic Geometry.**
BrainLink, Incheon, Online.

- November '22 **Conversation.**
Korean–American Scientists and Engineers Association, Online.
- November '22 **Postech Fields Medal Open Lectures.**
Pohang University of Science and Technology, Online.
- October '22 **Global KMS International Conference.**
Online.
- October '22 **Cascade Lectures in Combinatorics.**
Online.
- August '22 **Commencement.**
Seoul National University.
- August '22 **Korea Science Festival.**
Seoul.
- August '22 **Conversation.**
Korea Advanced Institute of Science and Technology.
- August '22 **KAST Science Camp.**
Daejeon.
- July '22 **Colloquium.**
Seoul National University.
- July '22 **Public Lecture.**
Korea Institute for Advanced Study.
- July '22 **International Congress of Mathematicians.**
Helsinki.
- June '22 **Combinatorial, Computational, and Applied Algebraic Geometry.**
University of Washington.
- May '22 **Open Problems in Algebraic Combinatorics.**
University of Minnesota.
- March '22 **Department Colloquium.**
Stony Brook University.
- March '22 **Algebraic Geometry Seminar.**
Stony Brook University.
- February '22 **CRC Colloquium.**
Goethe University Frankfurt, Online.
- December '21 **Math Club.**
Princeton University.
- November '21 **Faces of singularity theory.**
CIRM, Online.
- October '21 **P -positivity in matroid theory and related topics.**
Research Institute for Mathematical Sciences, Online.
- September '21 **Department Colloquium.**
Princeton University.
- September '21 **Zoom Algebraic Geometry Seminar.**
Online.
- September '21 **Algebraic Geometry Seminar.**
Princeton University.
- May '21 **Department Colloquium.**
Sungshin Women's University.

- May '21 **Department Colloquium.**
Seoul National University.
- May '21 **Networking Seminar.**
Innovation Center for Industrial Mathematics, National Institute for Mathematical Sciences.
- May '21 **Department Colloquium.**
Korea Institute for Advanced Study.
- April '21 **IAS Plenary Lecture.**
Korean Mathematical Society Spring Meeting.
- April '21 **Department Colloquium.**
Yonsei University.
- April '21 **Algebraic Geometry and Polyhedra.**
Institute for Computational and Experimental Research in Mathematics.
- March '21 **Recent Developments in Hodge Theory.**
Institute for Mathematical Sciences in the Americas.
- November '20 **Gongju Algebraic Geometry Workshop.**
Gongju, Korea.
- November '20 **Department Colloquium.**
Soochow University, Online.
- August '20 **Discrete Mathematics Seminar.**
Institute for Basic Science, Daejeon.
- July '20 **IAS Workshop on Combinatorial Problems of Algebraic Origin.**
Korea Institute for Advanced Study.
- January '20 **Department Colloquium.**
Dartmouth College.
- January '20 **Department Colloquium.**
Georgia Institute of Technology.
- November '19 **Geometry and Topology Seminar.**
University of Sydney.
- November '19 **Department Colloquium.**
University of Sydney.
- October '19 **Facets of Algebraic Geometry.**
University of Michigan.
- October '19 **Members' Seminar.**
Institute for Advanced Study.
- July '19 **Algebraic Geometry Seminar.**
Korea Advanced Institute of Science and Technology.
- May '19 **Board Meeting.**
Institute for Advanced Study.
- April '19 **Algebra and Number Theory Day.**
Johns Hopkins University.
- March '19 **Department Colloquium.**
University of Tennessee.
- March '19 **Simons Collaboration on Algorithms and Geometry Meeting.**
Simons Foundation.
- March '19 **AMS Graduate Student Chapter Colloquium.**
University of Nebraska–Lincoln.

- March '19 **Commutative Algebra Seminar.**
University of Nebraska–Lincoln.
- February '19 **Department Colloquium.**
Harvard University.
- February '19 **Theoretical Computer Science and Discrete Mathematics Seminar.**
Institute for Advanced Study.
- February '19 **Beyond Randomized Rounding and the Probabilistic Method.**
Simons Institute for the Theory of Computing.
- November '18 **Number Theory Seminar.**
Duke University.
- November '18 **Mathematical Conversations.**
Institute for Advanced Study.
- October '18 **Cohomology of Algebraic Varieties.**
CIRM, France.
- August '18 **International Congress of Mathematicians.**
Rio de Janeiro, Brazil.
- April '18 **Tropical Geometry and Amoebas in Higher Dimension.**
KTH Royal Institute of Technology.
- April '18 **AGNES 2018: Algebraic Geometry Northeastern Series.**
Rutgers University.
- April '18 **Texas Algebraic Geometry Symposium.**
Texas A&M University.
- March '18 **Members' Seminar.**
Institute for Advanced Study.
- March '18 **Department Colloquium.**
Indiana University.
- March '18 **American Mathematical Society Central Sectional Meeting.**
Ohio State University.
- March '18 **Algebraic Geometry Seminar.**
Princeton University.
- February '18 **Georgia Algebraic Geometry Symposium.**
Georgia Institute of Technology.
- December '17 **Department Colloquium.**
Rutgers University.
- November '17 **Berlin-Leipzig Seminar on Algebra, Geometry, and Combinatorics.**
Freie Universität Berlin.
- October '17 **Geometric and Topological Combinatorics.**
Mathematical Sciences Research Institute.
- September '17 **Algebraic Geometry Seminar.**
University of Michigan.
- July '17 **Math League.**
College of New Jersey.
- July '17 **Department Colloquium.**
Korea Institute for Advanced Study.
- July '17 **Algebraic Geometry Seminar.**
Institute for Basic Science, Center for Geometry and Physics, Pohang.

- July '17 **Algebraic Geometry Seminar.**
Pohang University of Science and Technology.
- July '17 **Discrete Mathematics Seminar.**
Korea Advanced Institute of Science and Technology.
- June '17 **Workshop on Hyperplane Arrangements and Singularities.**
Korea Institute for Advanced Study.
- June '17 **MEGA 2017: Effective Methods in Algebraic Geometry.**
Sophia Antipolis University, Nice.
- June '17 **Arrangements and beyond: Combinatorics, Geometry, and Topology.**
Centro De Giorgi, Pisa.
- May '17 **Simons Symposia: Nonarchimedean and Tropical Geometry.**
Schloss Elmau.
- April '17 **Discrete Mathematics Seminar.**
Princeton University.
- March '17 **Discrete Mathematics Seminar.**
Rutgers University.
- December '16 **Asymptotic Phenomena in Local Algebra and Singularity.**
Mathematical Research Institute of Oberwolfach.
- December '16 **11th Belgian-Dutch Algebraic Geometry Day, Compositio Award Ceremony.**
Amsterdam, Netherlands.
- December '16 **Mathematical Conversations.**
Institute for Advanced Study.
- November '16 **Topology and Geometry in a Discrete Setting.**
Institute for Computational and Experimental Research in Mathematics, Providence.
- November '16 **Algebraic Geometry Seminar.**
Columbia University.
- October '16 **Department Colloquium.**
Cornell University.
- October '16 **Convexity in Algebraic Geometry.**
Fields Institute, Toronto.
- August '16 **The First Joint Meeting Brazil-Italy in Mathematics.**
Instituto Nacional de Matemática Pura e Aplicada, Rio.
- August '16 **Summer Conference on Hyperplane Arrangements.**
Hokkaido University.
- June '16 **Algebraic Geometry Seminar.**
Korea Institute for Advanced Study.
- June '16 **Department Colloquium.**
Yonsei University.
- April '16 **Department Colloquium.**
Cornell University.
- April '16 **Department Colloquium.**
University of Washington.
- April '16 **Combinatorics Seminar.**
University of Washington.
- April '16 **Geometry, Algebra, Singularities, and Combinatorics.**
Northeastern University.

- April '16 **Department Colloquium.**
Northeastern University.
- March '16 **Workshop on Toric Geometry.**
Mathematical Research Institute of Oberwolfach.
- February '16 **Algebra-Number Theory Seminar.**
University of Maryland.
- February '16 **Undergraduate Math Colloquium.**
Princeton University.
- January '16 **Combinatorial Algebra Meets Algebraic Combinatorics.**
London, Ontario.
- January '16 **Combinatorics Seminar.**
Georgia Institute of Technology.
- December '15 **Biannual Algebraic Tropical Meetings of Brown and Yale.**
Yale University.
- December '15 **Valley Geometry Seminar.**
University of Massachusetts Amherst.
- November '15 **Modern Schubert Calculus.**
AMS Fall Eastern Sectional Meeting, Rutgers University.
- November '15 **Member's Seminar.**
Institute for Advanced Study.
- October '15 **Combinatorial and Experimental Methods in Commutative Algebra.**
University of Osnabrück.
- August '15 **SIAM Conference on Applied Algebraic Geometry.**
National Institute for Mathematical Sciences, Daejeon.
- August '15 **Maximum Likelihood Degrees and Critical Points.**
National Institute for Mathematical Sciences, Daejeon.
- August '15 **Geometry and Topology of Amoebas and Beyond.**
National Institute for Mathematical Sciences, Daejeon.
- July '15 **Algebraic Geometry Seminar.**
Kyoto University, Kyoto.
- July '15 **Algebraic Geometry Seminar.**
Kyoto University, Kyoto.
- July '15 **Computational Geometric Topology in Arrangement Theory.**
Institute for Computational and Experimental Research in Mathematics, Providence.
- July '15 **INdAM Italian-Korean Meeting on Algebraic Geometry.**
Cortona.
- June '15 **Singular Landscapes.**
Centre Paul-Langevin, Aussois.
- May '15 **Women and Mathematics 2015.**
Princeton University.
- May '15 **Harvard/MIT Algebraic Geometry Seminar.**
Harvard University.
- May '15 **Board Meeting.**
Institute for Advanced Study.
- April '15 **Discrete Mathematics Seminar.**
Rutgers University.

- April '15 **IMPANGA 2015.**
Institute of Mathematics, Polish Academy of Sciences, Będlewo.
- April '15 **Department Colloquium.**
University of Michigan.
- March '15 **Member's Seminar.**
Institute for Advanced Study.
- March '15 **AGNES 2015: Algebraic Geometry Northeastern Series.**
Boston College.
- February '15 **Local and Global Invariants of Singularities.**
CIRM, Luminy.
- February '15 **Computer Science and Discrete Mathematics Seminar.**
Institute for Advanced Study.
- February '15 **Simons Symposia: Nonarchimedean and Tropical Geometry.**
Puerto Rico.
- December '14 **Algebraic Geometry Seminar.**
Stony Brook University.
- November '14 **Department Colloquium.**
Rice University.
- September '14 **The Topology of Algebraic Varieties.**
Institute for Advanced Study.
- June '14 **FPSAC 2014: Formal Power Series and Algebraic Combinatorics.**
DePaul University.
- June '14 **Optimization and Algebraic Geometry.**
National Institute for Mathematical Sciences, Daejeon.
- May '14 **Workshop on Okounkov Bodies and Applications.**
Mathematical Research Institute of Oberwolfach.
- May '14 **Algebraic Geometry Seminar.**
Stanford University.
- May '14 **Department Colloquium.**
University of California, Berkeley.
- April '14 **Algebraic Geometry Seminar.**
University of California, Davis.
- April '14 **Arrangements, Wonderful Compactifications, and Tropicalization.**
Banff International Research Station.
- April '14 **Warwick Symposium on Statistical Mechanics.**
University of Warwick.
- March '14 **Geometry Seminar.**
Texas A&M University.
- March '14 **Combinatorics Seminar.**
University of Washington.
- March '14 **Algebraic Geometry Seminar.**
Columbia University.
- March '14 **Discrete Mathematics Seminar.**
Princeton University.
- March '14 **Algebraic Geometry Seminar.**
Princeton University.

- January '14 **Computational Algebraic Statistics: Theories and Applications.**
Kyoto.
- January '14 **Workshop on Combinatorics.**
Mathematical Research Institute of Oberwolfach.
- November '13 **Singularity Theory Seminar.**
Institut de Mathématiques de Luminy.
- November '13 **Algebraic Geometry Seminar.**
École polytechnique fédérale de Lausanne.
- November '13 **Algebraic Geometry Seminar.**
Freie Universität Berlin.
- November '13 **Algebraic Geometry Seminar.**
Goethe Universität Frankfurt am Main.
- November '13 **Computational Algebraic Geometry Seminar.**
Max Planck Institute of Mathematics.
- November '13 **Hyperplane Arrangements and Characteristic Classes.**
Research Institute for Mathematical Sciences, Kyoto.
- November '13 **Intercity Number Theory Seminar.**
Technische Universiteit Eindhoven.
- November '13 **Department Colloquium.**
Yale University.
- October '13 **Algebraic Geometry Seminar.**
Università degli Studi di Genova.
- October '13 **Algebraic Geometry Seminar.**
Sapienza Università di Rome.
- October '13 **Algebra, Combinatorics, and Topology Seminar.**
Università di Pisa.
- September '13 **Combinatorial Methods in Topology and Algebra.**
Cortona.
- September '13 **Tropical aspects in Geometry and Topology.**
Max Planck Institute of Mathematics.
- August '13 **Computational Algebraic Geometry Seminar.**
Max Planck Institute of Mathematics.
- July '13 **Algebraic Geometry Seminar.**
Hokkaido University.
- June '13 **Joint International Meeting of the AMS and the RMS.**
Alba Iulia.
- June '13 **Inaugural Conference.**
Institute for Basic Science, Center for Geometry and Physics, Pohang.
- May '13 **Algebraic Geometry Seminar.**
Korea Advanced Institute of Science and Technology.
- May '13 **Discrete Mathematics Seminar.**
Korea Advanced Institute of Science and Technology.
- April '13 **Algebra and Combinatorics Seminar.**
Georgia Institute of Technology.
- March '13 **Algebra Seminar.**
Virginia Tech University.

- March '13 **Combinatorics and Optimization Seminar.**
University of Waterloo.
- March '13 **Algebraic Geometry Seminar.**
Korea Advanced Institute of Science and Technology.
- February '13 **Symposium on Projective Algebraic Varieties and Moduli.**
Yeosu.
- January '13 **Tropical Geometry.**
AMS Joint Mathematics Meetings 2013, San Diego.