



MAA
MATHFEST

2025 | SACRAMENTO, CA

It all starts with Math.

MATHEMATICS FROM BASIC



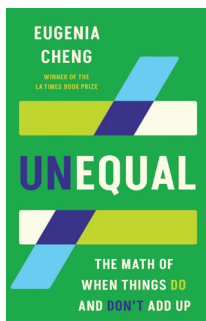
COMING
09.09.25

Blueprints

How Mathematics Shapes Creativity

MARCUS DU SAUTOY

\$32 | 2025 | 384 pp. | HC



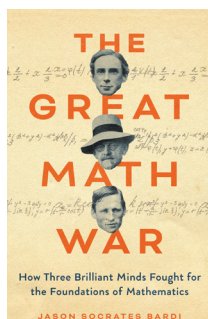
COMING
09.02.25

Unequal

The Math of When Things Do and Don't Add Up

EUGENIA CHENG

\$32 | 2025 | 400 pp. | HC



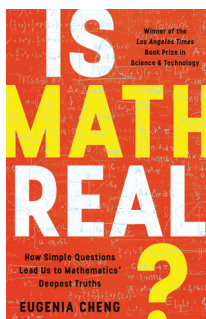
COMING
11.04.25

The Great Math War

How Three Brilliant Minds Fought for the Foundations of Mathematics

JASON SOCRATES BARDI

\$32 | 2025 | 416 pp. | HC

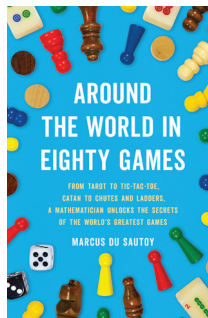


Is Math Real?

How Simple Questions Lead Us to Mathematics' Deepest Truths

EUGENIA CHENG

\$18.99 | 2025 | 336 pp. | PB

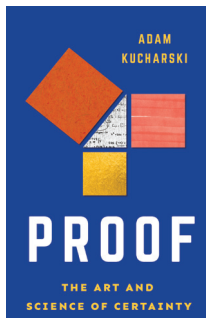


Around the World In Eighty Games

From Tarot to Tic-Tac-Toe, Catan to Chutes and Ladders, a Mathematician Unlocks the Secrets of the World's Greatest Games

MARCUS DU SAUTOY

\$19.99 | 2025 | 384 pp. | PB

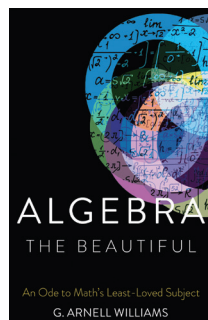


Proof

The Art and Science of Certainty

ADAM KUCHARSKI

\$32 | 2025 | 368 pp. | HC

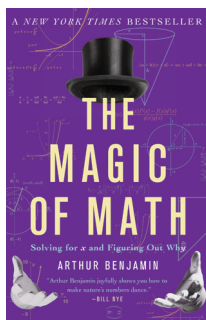


Algebra the Beautiful

An Ode to Math's Least-Loved Subject

G. ARNELL WILLIAMS

\$32 | 2022 | 416 pp. | HC



The Magic of Math

Solving For x and Figuring Out Why

ARTHUR BENJAMIN

\$19.99 | 2016 | 336 pp. | PB

BASIC BOOKS

basicbooks.com

WELCOME TO MAA MATHFEST 2025!

We are excited that MAA MathFest is back on the West Coast this year for the first time since 2014! Our host city is Sacramento, California, the capital of the Golden State, which reminds me of all the great treasures MAA MathFest has to offer. There is a great slate of invited lectures, along with invited and contributed paper sessions this year on topics such as geometry and analysis, combinatorics and cryptography, game theory and recreational mathematics, in addition to AI and data science. The workshops and mini courses will offer the chance to learn about topics like flexagons, AI, and math through images, to name a few. The MAA's Special Interest Groups (SIGMAAs) host paper sessions, workshops and special sessions, where you can engage with a group of peers focused on mathematics in Business, Industry, and Government; History of Mathematics; Math Circles; or Inquiry-Based Learning, along with other engaging topics. MathFest also includes a number of opportunities for students, with a range of ongoing activities in the Student Lounge, including the Estimathon! sponsored by Jane Street.



The Exhibit Hall again this year will feature a number of great exhibitors, as well as events at the MAA Pavilion, from the MAA Cornhole Competition (one of my favorites) to the ever popular Puppy Break, sponsored by Hudson River Trading. You can also test your problem-solving prowess at Backgammon with Grandmaster Art Benjamin, or try the AMC Problem of the Day. Be sure to join your colleagues in celebrating at the Grand Opening Reception and the Exhibit Hall Block Party and don't forget to enjoy the wonderful Math Art installations. We're also pleased to recognize the Golden Section of the MAA, our local hosts, who will be in attendance and represented in the Exhibit Hall. Take a moment to visit their booth and say hello.

One of my favorite parts of MathFest is the opportunity to network with colleagues. The MAA Pavilion in the Exhibit Hall includes a number of networking events, such as the VITAL Faculty Meet and Greet, the SIGMAA Social Mixer, the PRIDE Social Mixer and the Committee on Minority Participation in Mathematics Community Hour. Outside of the Exhibit Hall, you can enjoy celebrating our MAA Award Winners, screen the film "Journey of Black Mathematicians: Creating Pathways", sponsored by Two Sigma, or attend the Julia Robinson Mathematical Festival.

Lastly, don't miss the great culinary options, local breweries, and live entertainment and cultural activities in Sacramento. If you are a history buff like me, you might check out the Old Sacramento Waterfront and museums, or the Science Center and the Zoo. The February/March 2025 issue of MAA FOCUS has more details on the interesting opportunities Sacramento has to offer.

I always look forward to MAA MathFest as both my end-of-summer celebration of the prior year's successes and my source of inspiration for new approaches to make the coming year even better. There will be plenty of opportunities to do both this year! I look forward to seeing you there!

Jenna P. Carpenter

President, Mathematical Association of America



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INVITED ADDRESSES

Please note: All sessions are held at
Pacific Daylight Time (PDT = UTC-7:00)



MAA EARLE RAYMOND HEDRICK LECTURE SERIES

Terence Tao, *University of California, Los Angeles*

Lecture I: Machine Assisted Proofs

Thursday, August 7, 11:00 am - 11:50 am, Ballroom A1-6

Lecture II: Translational Tilings of Euclidean Space

Friday, August 8, 10:00 am - 10:50 am, Ballroom A1-6



MARTIN GARDNER LECTURE

Persi Diaconis, *Stanford University*

The Magic of Charles Sanders Peirce

Saturday, August 9, 2:00 pm - 2:50 pm, Ballroom A1-6



MAA INVITED ADDRESS

Tadashi Tokieda, *Stanford University*

Calculating with No Numbers, No Formulas

Friday, August 8, 1:00 pm – 1:50 pm, Ballroom A1-6



CHAN STANEK ROSS LECTURE FOR STUDENTS

Skip Garibaldi, *IDA Center for Communications Research, La Jolla*

A Better Way to Buy Lottery Scratch-off Tickets

Saturday, August 9, 1:00 pm – 1:50 pm, Ballroom A1-6



MAA JAMES R.C. LEITZEL LECTURE

Tara Holm, *Cornell University*

Pay It Forward: Practice and Progress in Post-Secondary Mathematics Education

Friday, August 8, 11:00 am – 11:50 am, Ballroom A1-6

INVITED ADDRESSES



MAA INVITED ADDRESS

Federico Ardila-Mantilla, *San Francisco State University*

*** Photo Credit: May-Li Khoe*

Intersection Theory and Combinatorics: Variations on a Theme

Thursday, August 7, 1:00 pm – 1:50 pm, Ballroom A1-6



AMS-MAA JOINT INVITED ADDRESS

Naomi Cameron, *Spelman College*

Combinatorial Approaches to Matrix Functions

Saturday, August 9, 10:00 am – 10:50 am, Ballroom A1-6



MAA INVITED ADDRESS

Beth Malmskog, *Colorado College*

Squaring the Quilting Circle

Thursday, August 7, 10:00 am – 10:50 am, Ballroom A1-6



AWM-MAA ETTA ZUBER FALCONER LECTURE

Olivia Prosper Feldman, *University of Tennessee*

Modeling Malaria at Multiple Scales: Implications for Parasite Diversity

Thursday, August 7, 9:00 am – 9:50 am, Ballroom A1-6



MARTIN GARDNER LECTURE

Dawn Lott, *Delaware State University*

PEIRE – A Model for the Transfer of Information and Decision Making

Thursday, August 7, 2:00 pm – 2:50 pm, Ballroom A1-6

INVITED ADDRESSES



NAM DAVID HAROLD BLACKWELL LECTURE

Talitha Washington, *Howard University*

100 Years of Inspiration: Elbert Frank Cox and the Future of Mathematics

Saturday, August 9, 11:00 am – 11:50 am, Ballroom A1-6



MAA PRESIDENT RETIRING ADDRESS

Hortensia Soto, *Colorado State University*

In Service, For Service, ... To Serve

Wednesday, August 6, 5:40 pm – 6:30 pm, Ballroom A1-6



STUDENT ACTIVITY SPEAKER

Tim Chartier, *Davidson College*

Exponential Party Fun

Friday, August 8, 2:00 pm – 2:50 pm, Ballroom A1-6

A large orange rectangular graphic with the text "WE'RE OPEN!" in white at the top. Below the text is a white circular area containing four overlapping circles, each with a logo: a purple circle with "myOpenMath", a blue circle with "WeBWorK", a green circle with "openstax", and a white circle in the center with "XYZ Homework".

WE'RE OPEN!

myOpenMath

XYZ Homework

WeBWorK

openstax

COME SEE US AT BOOTH 201

MAA PAVILION EVENTS

Events will be held in the MAA Pavilion, located in the MAA MathFest Exhibit Hall (Hall A – First Floor).

Exhibit Hall Grand Opening & Reception

Wednesday, August 6, 6:30 pm - 8:30 pm

The MAA MathFest Grand Opening Reception will kick off this year's event on a high note, bringing attendees together in a spirit of camaraderie. Enjoy complimentary light hors d'oeuvres as you mix and mingle in the Exhibit Hall with fellow participants, guests, sponsors, and exhibitors.

MAA Cornhole Competition

Thursday, August 7, 10:00 am - 11:30 am

Thursday, August 7, 3:00 pm - 4:30 pm

Friday, August 8, 10:00 am - 11:30 am

Friday, August 8, 2:00 pm - 3:30 pm

Team up and test your aim! Join MAA's second annual cornhole competition with a teammate and show off your skills. Whether you're a seasoned champ or new to the boards, everyone's welcome to play. The winning team will receive a small prize. Sign up at the MAA Pavilion and let the tossing begin!

Host:

Justin Cortez, Mathematical Association of America

SPECTRA and MAA PRIDE Social

Thursday, August 7, 1:00 pm - 2:00 pm

Please join MAA and SPECTRA for a Pride Social celebrating the beautiful diversity of the mathematics community and highlighting the importance of LGBTQIA attendees at MAA MathFest 2025.

Host:

Pete Dohan, Mathematical Association of America

Coffee Break!

Thursday, August 7, 2:00 pm - 2:30 pm

Play Backgammon with Art Benjamin

Thursday, August 7, 2:00 pm - 5:00 pm

Join us for a strategic game where math minds shine! Learn to play backgammon with expert players. It's easy to pick up, fun to play, and a little math goes a long way. Boards will be set up; just drop in and roll the dice!

Hosts:

Art Benjamin, Harvey Mudd College

Michael Pearson, Executive Director, Mathematical Association of America

MAA PAVILION EVENTS

SIGMAA Mixer

Thursday, August 7, 2:30 pm - 3:30 pm

Join the Committee on SIGMAAs in the MAA Pavilion for a special reception celebrating the vibrant SIGMAA community. This gathering offers members and friends of all 17 SIGMAAs an opportunity to connect, engage, and enjoy light refreshments in the heart of the Exhibit Hall.

Hosts:

Committee on SIGMAAs

Nicole Infante, University of Nebraska - Omaha

S. Luke Tunstall, Trinity University

Lifetime Member Mixer

Thursday, August 7, 4:00 pm - 5:30 pm

We warmly welcome and celebrate our Lifetime Members for their lasting commitment to the MAA. Your support has been instrumental in shaping our community, and now it's time to celebrate with a special happy hour mixer and networking event.

Hosts:

Liane Piñero, Mathematical Association of America

Kristin Morris, Mathematical Association of America

Jackie Horn, Mathematical Association of America

Exhibit Hall Scavenger Hunt

Friday, August 8, 9:00 am - 12:30 pm (Winner announced at 12:50 pm - must be present!)

Career Checkpoint: CV, Résumé & Cover Letter Review for VITAL Faculty

Friday, August 8, 10:00 am - 11:00 am

Designed specifically for VITAL faculty (Visiting, Instructor, TA, Adjunct, Lecturer), this drop-in session offers personalized feedback on your academic job materials. Experienced reviewers will provide guidance on strengthening your CV, résumé, and cover letter to support your next career move.

Host:

Grace Cook, Bloomfield College of Montclair State University

Expo Block Party and Puppy Break

Friday, August 8, 11:30 am - 1:00 pm

Enjoy the summertime festivities of this popular annual event! Light refreshments will be served.

Committee for Minority Participation in Mathematics

Friday, August 8, 3:00 pm - 4:00 pm

Stop by and join the discussion on initiatives to increase minority participation in mathematics. Aris Winger, the new chair of the committee, will lead the session and gather feedback from the community on goals and initiatives for the coming year.

Hosts:

Committee on Minority Participation in Mathematics (CMPM)

Carrie Diaz Eaton, INQUIRE Lab

Aris Winger, Georgia Gwinnett College

EXHIBIT HALL SCHEDULE OF EVENTS

Wednesday, August 6th

6:30 pm - 8:30 pm: Exhibit Hall Grand Opening Reception

Thursday, August 7th

9:00 am - 6:00 pm: Exhibit Hall Open Hours

2:00 pm - 2:30 pm: Coffee Break!

Friday, August 8th

9:00 am - 5:00 pm: Exhibit Hall Open Hours

9:00 am - 12:30 pm: Exhibit Hall Scavenger Hunt (12:50 pm Winner Announced!)

11:30 am - 1:00 pm: Expo Block Party!
Sponsored by Mathematical Association of America, American Mathematical Society, and XYZ Homework

12:00 pm - 1:00 pm: Puppy Break!
Sponsored by Hudson River Trading (HRT), in partnership with Fosters & Paws

EXHIBITORS AND SPONSORS

- American Institute of Mathematics - [Booth 108](#)

AMATYC - [Booth 302](#)

American Mathematical Society - [Booth 217*](#)

Association for Women in Mathematics - [Booth 307](#)

Budapest Semesters in Mathematics Education (BSME) - [Booth 106](#)

CITADEL | CITADEL Securities [^]

COMAP (The Consortium for Mathematics and Its Applications) - [Booth 207](#)

Crowdmark - [Booth 300](#)

Explore SIGMAAs (Special Interest Groups of the MAA) - [Booth 209](#)

Fulbright Program - [Booth 308](#)

Golden Section of the MAA - [Booth 118](#)

Hawkes Learning - [Booth 301](#)

Hudson River Trading (HRT) [^]

Jane Street [^]

Julia Robinson Mathematics Festival - [Booth 304*](#)

LongFormMath - [Booth 306](#)

MAA Project NExT - [Booth 116](#)

Math Wiz Flashcards, LLC - [Booth 114](#)

MathArt at MathFest! - [Art Installation Area](#)
- Mathematical Association of America (MAA) - MAA Pavilion*

MathMatize - [Booth 310](#)

Mu Alpha Theta - [Booth 311](#)

National Academies of Sciences, Engineering, and Medicine - [Booth 215](#)

Nonscriptum LLC - [Booth 100](#)

Oxford University Press [^]

Pensieve Inc. - [Booth 305](#)

The POGIL Project - [Booth 120](#)

Priest Ranch [^]

Princeton University Press - [Booth 205](#)

Taylor & Francis - [Booth 303](#)

Transform Learning | Every Learner Everywhere [^]

Two Sigma [^]

Way to Succeed: Mindful Insights for Learning - [Booth 102](#)

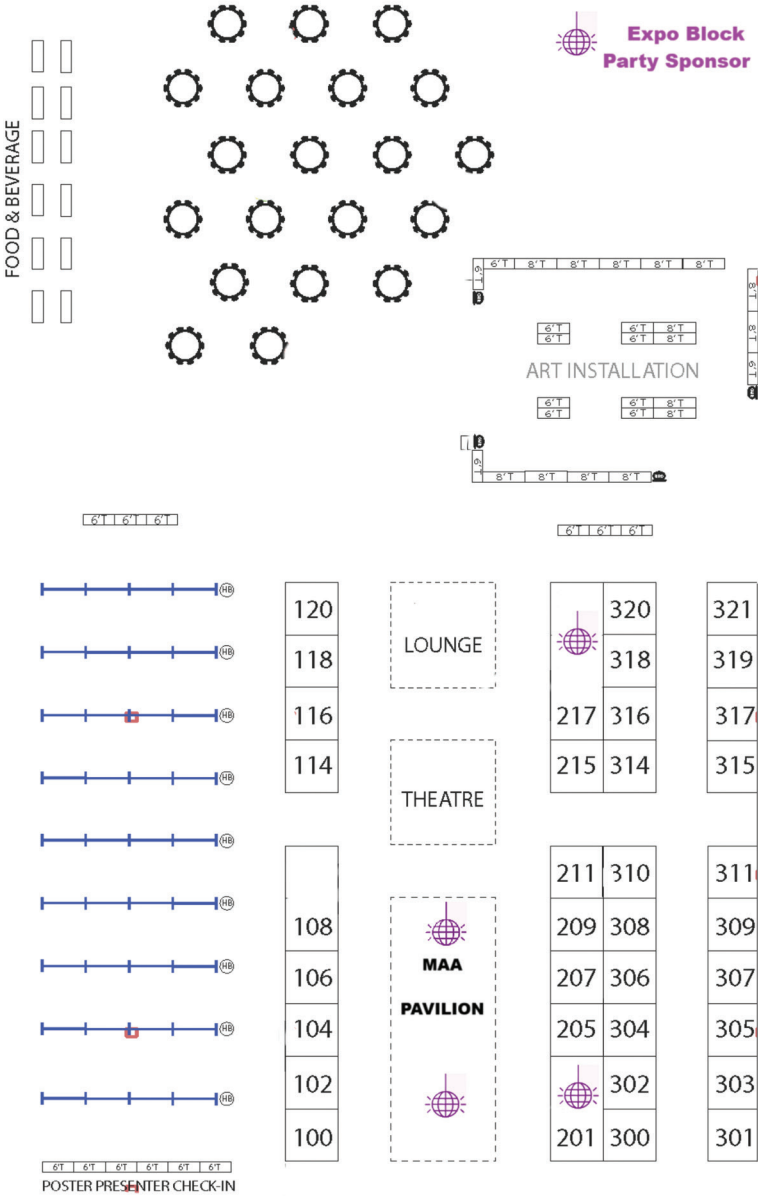
World Scientific Publishing Company - [Booth 104](#)

Ximera Project - [Booth 211](#)

XYZ Homework - [Booth 201*](#) and more!
- ^{*} Exhibitor / Sponsor [^] Sponsor Only

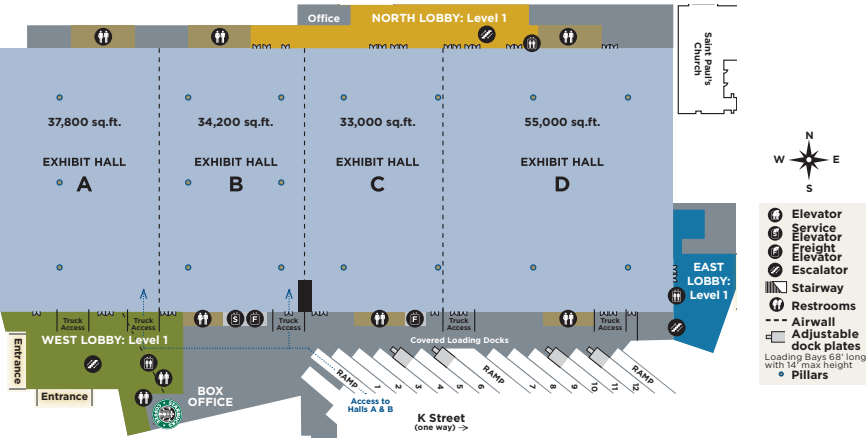
EXHIBIT HALL FLOOR PLAN

MAA MATHFEST 2025
SAFE Credit Union Convention Center
Exhibit Hall A

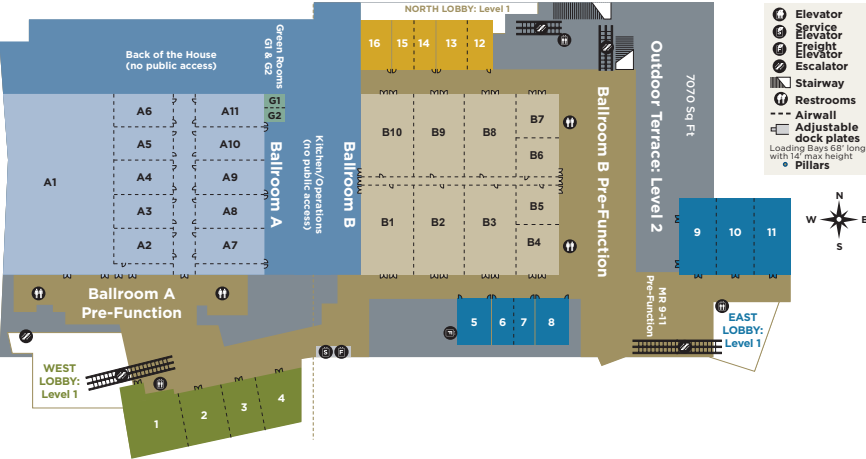


SAFE CREDIT UNION SACRAMENTO CONVENTION CENTER FLOOR PLAN

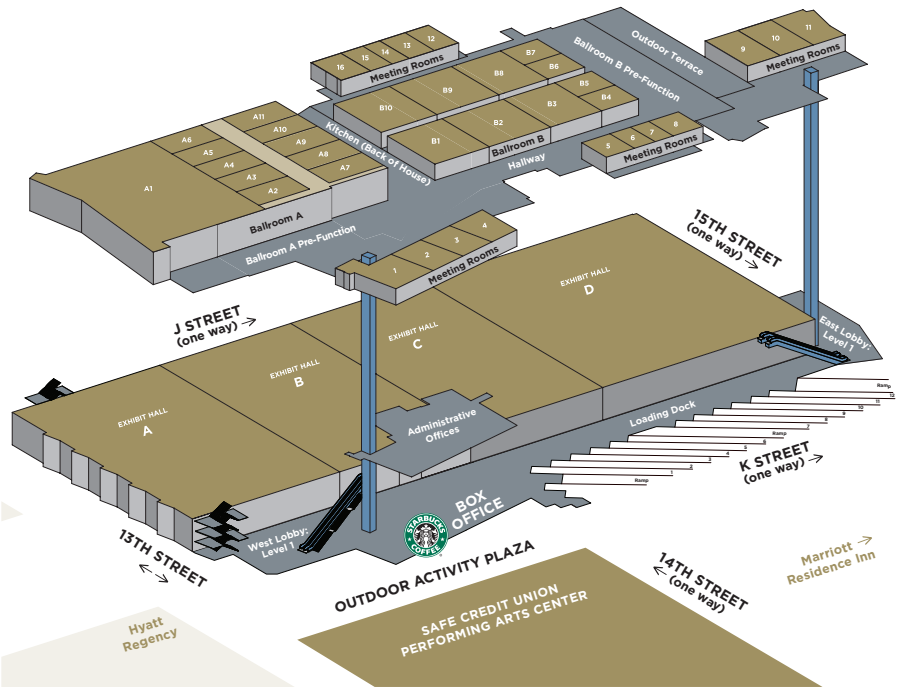
Level One



Level Two



Structural Perspective



2025 AWARD-WINNING
ARTICLES AND PROBLEMS



Read these outstanding,
award-winning pieces that
highlight the exceptional
content in MAA's Journals.

CHRONOLOGICAL SCHEDULE | WEDNESDAY

Please note: Unless otherwise specified, all sessions are listed in Pacific Daylight Time (PDT = UTC-7:00) and located on the Second Floor of the SAFE Credit Union Sacramento Convention Center.

WEDNESDAY SCHEDULE, AUGUST 6

MAA Congress Meeting

Wednesday, August 6, 8:30 am - 4:00 pm, Meeting Room 9-10

Registration & Information

Wednesday, August 6, 2:00 pm - 8:00 pm, West Lobby (First Floor)

Problems from the American Mathematics Competitions

Wednesday, August 6, 3:00 pm - 4:30 pm, Meeting Room 11

Networking Fair

Wednesday, August 6, 3:00 pm - 4:00 pm, Ballroom B Prefunction Area (East Lobby)

Math Jeopardy, the Student Welcome Reception, and Navigating MathFest Overview

Wednesday, August 6, 3:30 pm - 5:00 pm, Ballroom B3-5

Panel

Calculus without Prerequisites: The Implementation and Impacts of AB 1705 and Calculus Placement Changes in California

Wednesday, August 6, 4:00 pm - 5:20 pm, Meeting Room 3

Workshop

A Practical Guide for Incorporating Ethical Reasoning into Math Courses through Application Problems

Wednesday, August 6, 4:00 pm - 5:20 pm, Meeting Room 8

MAA President Retiring Address

Hortensia Soto, *Colorado State University*

In Service, For Service, ... To Serve

Wednesday, August 6, 5:40 pm - 6:30 pm, Ballroom A1-6

Exhibit Hall Grand Opening & Reception

Wednesday, August 6, 6:30 pm - 8:30 pm, Exhibit Hall (Hall A - First Floor)

MathArt at MathFest!

Wednesday, August 6, 6:30 pm - 8:30 pm, Exhibit Hall (Hall A - First Floor),
Art Installation Area

SIGMAA-EM Sustainability and Environmental Visual Arts (SEVA) Exhibition - Interactive Display

Wednesday, August 6, 6:30 pm - 8:30 pm, Exhibit Hall (Hall A - First Floor),
Art Installation Area

CHRONOLOGICAL SCHEDULE | THURSDAY

THURSDAY SCHEDULE, AUGUST 7

Registration & Information

Thursday, August 7, 7:30 am - 6:00 pm, West Lobby (First Floor)

Introduction to MAA MathFest

Thursday, August 7, 8:00 am - 9:00 am, Ballroom B1

MAA Invited Paper Session

Bridging Disciplines through Data Science

Thursday, August 7, 8:00 am - 10:50 am, Meeting Room 11

Contributed Paper Session

Advancing Data Science Education: Integrating Pedagogical Innovation with Ethical Practice

Thursday, August 7, 8:00 am - 9:55 am, Ballroom B3

Contributed Paper Session

Building Undergraduate Research Programs as a New Faculty

Thursday, August 7, 8:00 am - 10:40 am, Meeting Room 2

Contributed Paper Session

Equity Minded Placement Practices and Strategies in Undergraduate Mathematics

Thursday, August 7, 8:00 am - 10:55 am, Ballroom A7-8

Contributed Paper Session

In the Real with Applications of Differential Equations for Learning, Part A

Thursday, August 7, 8:00 am - 10:55 am, Meeting Room 8

Contributed Paper Session

Peer Support in College Mathematics

Thursday, August 7, 8:00 am - 10:15 am, Meeting Room 5

Contributed Paper Session

Strengthening the Mathematical and Statistical Preparation of Secondary Mathematics Teachers through the Mathematical Knowledge for Teaching

Thursday, August 7, 8:00 am - 10:15 am, Ballroom A9-10

CHRONOLOGICAL SCHEDULE | THURSDAY

THURSDAY SCHEDULE, AUGUST 7

Workshop

We Integrate Differentials, Not Functions

Thursday, August 7, 8:00 am - 9:20 am, Meeting Room 3

Workshop

Reacting to the Past: Historical Roleplaying Games in Math Education

Thursday, August 7, 8:00 am - 9:20 am, Meeting Room 4

Minicourse*

Integrating Cryptography into Undergraduate Math Courses, Part A

Thursday, August 7, 8:00 am - 9:50 am, Ballroom B8

**Note: Separate registration and fee are required.*

Minicourse*

Evidence-based Practices for Effective Mentoring Relationships, Part A

Thursday, August 7, 8:00 am - 9:50 am, Ballroom B4

**Note: Separate registration and fee are required.*

Minicourse*

Teaching Future Teachers, Part A

Thursday, August 7, 8:00 am - 9:50 am, Ballroom B6

**Note: Separate registration and fee are required.*

Student Lounge Open Hours - Sponsored by Transform Learning | Every Learner Everywhere

Thursday, August 7, 8:00 am - 5:00 pm, Meeting Room 9-10

MAA Invited Paper Session aligned with the Chan-Stanek-Ross Lecture

Lotteries in Math and Society

Thursday, August 7, 8:30 am - 10:50 am, Ballroom B2

AWM-MAA Etta Zuber Falconer Lecture

Olivia Prosper Feldman, *University of Tennessee*

Modeling Malaria at Multiple Scales: Implications for Parasite Diversity

Thursday, August 7, 9:00 am - 9:50 am, Ballroom A1-6

Poster Session

Outreach Poster Session

Thursday, August 7, 9:00 am - 10:30 am, Exhibit Hall (Hall A - First Floor),
Posters Area

CHRONOLOGICAL SCHEDULE | THURSDAY

THURSDAY SCHEDULE, AUGUST 7

Poster Session

Poster Session for Projects Supported by the NSF Division of Undergraduate Education

Thursday, August 7, 9:00 am - 10:30 am, Exhibit Hall (Hall A - First Floor), Posters Area

MathArt at MathFest!

Thursday, August 7, 9:00 am - 5:00 pm, Exhibit Hall (Hall A - First Floor), Art Installation Area

Exhibit Hall Open Hours

Thursday, August 7, 9:00 am - 6:00 pm, Exhibit Hall (Hall A - First Floor)

Panel

Making VITAL Connections: The Role of Non-Tenure Track Faculty in Higher Education

Thursday, August 7, 9:30 am - 10:50 am, Ballroom B1

Panel

Navigating the Current Challenges Facing Academia as a Student or Faculty and How to Support Each Other

Thursday, August 7, 9:30 am - 10:50 am, Meeting Room 3

Workshop

Engaging and Inspiring Students in the Mathematics Classroom by Teaching with Primary Source Projects

Thursday, August 7, 9:30 am - 10:50 am, Meeting Room 4

MAA Invited Address

Beth Malmskog, *Colorado College*

Squaring the Quilting Circle

Thursday, August 7, 10:00 am - 10:50 am, Ballroom A1-6

Minicourse*

Teaching Mathematics Through Games, Part A

Thursday, August 7, 10:00 am - 11:50 am, Ballroom B8

**Note: Separate registration and fee are required.*

CHRONOLOGICAL SCHEDULE | THURSDAY

THURSDAY SCHEDULE, AUGUST 7

Minicourse*

Empowering Mathematics Mentorship: Personalized Undergraduate Research Experiences and Community Building, Part A

Thursday, August 7, 10:00 am - 11:50 am, Ballroom B4

**Note: Separate registration and fee are required.*

MAA Pavilion Event

MAA Cornhole Competition

Thursday, August 7, 10:00 am - 11:30 am, Exhibit Hall (Hall A - First Floor), MAA Pavilion

Student Lounge Activity - Sponsored by Transform Learning | Every Learner Everywhere

Undergraduate Research Experiences: A Conversation with National Research Experiences for Undergraduates Program (NREUP) Participants

Thursday, August 7, 10:00 am - 11:00 am, Student Lounge (Meeting Room 9-10)

NSF DUE Breakout Session: Developing Grant Proposals for NSF Division of Undergraduate Education

Thursday, August 7, 10:30 am - 11:30 am, Ballroom B3

Poster Session

Contributed Poster Session, Part I

Thursday, August 7, 10:45 am - 12:00 pm, Exhibit Hall (Hall A - First Floor), Posters Area

MAA Earle Raymond Hedrick Lecture Series

Terence Tao, *University of California, Los Angeles*

Lecture I: Machine Assisted Proofs

Thursday, August 7, 11:00 am - 11:50 am, Ballroom A1-6

MAA Invited Address

Federico Ardila-Mantilla, *San Francisco State University*

Intersection Theory and Combinatorics: Variations on a Theme

Thursday, August 7, 1:00 pm - 1:50 pm, Ballroom A1-6

Contributed Paper Session

Data Science Examples for Enriching Introductory Math Courses

Thursday, August 7, 1:00 pm - 2:35 pm, Meeting Room 2

Contributed Paper Session

Lessons Learned from Alternative Grading Implementations

Thursday, August 7, 1:00 pm - 6:15 pm, Ballroom A9-10

CHRONOLOGICAL SCHEDULE | THURSDAY

THURSDAY SCHEDULE, AUGUST 7

Contributed Paper Session

Onboarding, Mentoring, and Supporting Newly Hired Mathematics Instructors

Thursday, August 7, 1:00 pm - 2:15 pm, Ballroom A7-8

TPSE Panel

Creating Opportunities in Mathematics Education for Equity and Inclusion (COME-IN): A Pilot Project for Changemakers

Thursday, August 7, 1:00 pm - 2:20 pm, Meeting Room 3

Workshop

Game Theory: Activities Motivate Concepts

Thursday, August 7, 1:00 pm - 2:20 pm, Meeting Room 4

Special Session

10 Golden Years: Stories of Struggle and Success from the Gold'14 Project NExT Cohort

Thursday, August 7, 1:00 pm - 5:50 pm, Ballroom B3

SIGMAA Activity

SIGMAA on Inquiry-Based Learning (IBL SIGMAA) Business Meeting

Thursday, August 7, 1:00 pm - 1:50 pm, Ballroom B6

MAA Pavilion Event

SPECTRA and MAA PRIDE Social

Thursday, August 7, 1:00 pm - 2:00 pm, Exhibit Hall (Hall A - First Floor),
MAA Pavilion

Contributed Paper Session

Community-Responsive Activities for Math Circles

Thursday, August 7, 1:20 pm - 5:55 pm, Meeting Room 8

AWM Panel

Mental Health in the Mathematics Community: The Conversation Doesn't End

Thursday, August 7, 1:30 pm - 2:50 pm, Ballroom B1

CHRONOLOGICAL SCHEDULE | THURSDAY

THURSDAY SCHEDULE, AUGUST 7

Poster Session

Strategies for Enhancing Retention and Graduation Rates of Underrepresented Minorities in STEM

Thursday, August 7, 1:30 pm - 3:00 pm, Exhibit Hall (Hall A - First Floor), Posters Area

Christine Darden Lecture

Dawn Lott, *Delaware State University*

PEIRE – A Model for the Transfer of Information and Decision Making

Thursday, August 7, 2:00 pm - 2:50 pm, Ballroom A1-6

MAA Invited Paper Session

The Institute on the History of Mathematics and Its Use in Teaching: 30 Years of Impact on Education and Research

Thursday, August 7, 2:00 pm - 5:50 pm, Ballroom B2

Contributed Paper Session

Creating Connections in the Classroom: Mathematics Across the Disciplines

Thursday, August 7, 2:00 pm - 6:15 pm, Meeting Room 5

Minicourse*

Navigating the AI Landscape: Practical and Ethical Integration in Mathematics Education, Part A

Thursday, August 7, 2:00 pm - 3:50 pm, Ballroom B8

**Note: Separate registration and fee are required.*

Minicourse*

Teaching Probability and Statistics: Technology and Active Learning Approaches, Part A

Thursday, August 7, 2:00 pm - 3:50 pm, Ballroom B4

**Note: Separate registration and fee are required.*

Minicourse*

Math for Social Justice: Concrete Examples for the Classroom, Part A

Thursday, August 7, 2:00 pm - 3:50 pm, Ballroom B6

**Note: Separate registration and fee are required.*

Exhibit Hall Social Event

Coffee Break!

Thursday, August 7, 2:00 pm - 2:30 pm, Exhibit Hall (Hall A - First Floor), MAA Pavilion

CHRONOLOGICAL SCHEDULE | THURSDAY

THURSDAY SCHEDULE, AUGUST 7

MAA Pavilion Event

Play Backgammon with Art Benjamin

Thursday, August 7, 2:00 pm - 5:00 pm, Exhibit Hall (Hall A - First Floor),
MAA Pavilion

MAA Invited Paper Session

Advancing Justice through Research in Undergraduate Mathematics Education

Thursday, August 7, 2:30 pm - 5:50 pm, Meeting Room 11

Contributed Paper Session

Cryptology in Undergraduate Education

Thursday, August 7, 2:30 pm - 5:05 pm, Ballroom A7-8

Workshop

Geometry for the 21st Century

Thursday, August 7, 2:30 pm - 3:50 pm, Meeting Room 4

Town Hall

Future Directions for Mathematics Education Research, Policy, and Practice

Thursday, August 7, 2:30 pm - 3:20 pm, Meeting Room 3

MAA Pavilion Event

SIGMAA Mixer

Thursday, August 7, 2:30 pm - 3:30 pm, Exhibit Hall (Hall A - First Floor),
MAA Pavilion

Expanding Mathematical Futures Through Multimedia Storytelling

Thursday, August 7, 3:00 pm - 4:50 pm, Ballroom B1

MAA Pavilion Event

MAA Cornhole Competition

Thursday, August 7, 3:00 pm - 4:30 pm, Exhibit Hall (Hall A - First Floor),
MAA Pavilion

Panel

Uniting the Mathematical World through Fulbright Experiences

Thursday, August 7, 3:30 pm - 4:50 pm, Meeting Room 3

CHRONOLOGICAL SCHEDULE | THURSDAY

THURSDAY SCHEDULE, AUGUST 7

Section Officers Meeting

Thursday, August 7, 3:30 pm - 5:00 pm, Meeting Room 2

Student Lounge Activity- Sponsored by Transform Learning | Every Learner Everywhere

Bingo...with a Mathematical Twist

Thursday, August 7, 3:30 pm - 4:30 pm, Student Lounge (Meeting Room 9-10)

Workshop

Shifting Precalculus and Calculus Instruction to Focus on the Development of Students' Mathematical Thinking: Research Informs Practice

Thursday, August 7, 4:00 pm - 5:20 pm, Meeting Room 4

Minicourse*

Introduction to Process Oriented Guided Inquiry Learning (POGIL) for Math and Stats Courses, Part A

Thursday, August 7, 4:00 pm - 5:50 pm, Ballroom B8

**Note: Separate registration and fee are required.*

Minicourse*

Implementing Alternative Grading, Part A

Thursday, August 7, 4:00 pm - 5:50 pm, Ballroom B4

**Note: Separate registration and fee are required.*

Minicourse*

Jumpstarting Your Scholarship, Part A

Thursday, August 7, 4:00 pm - 5:50 pm, Ballroom B6

**Note: Separate registration and fee are required.*

MAA Pavilion Event

Lifetime Member Mixer

Thursday, August 7, 4:00 pm - 5:30 pm, Exhibit Hall (Hall A - First Floor), MAA Pavilion

MAA Prizes and Awards Session

Thursday, August 7, 5:00 pm - 6:30 pm, Ballroom A1-6

Estimathon® - Sponsored by Jane Street

Thursday, August 7, 5:00 pm - 6:00 pm, Student Lounge (Meeting Room 9-10)

CHRONOLOGICAL SCHEDULE | THURSDAY

THURSDAY SCHEDULE, AUGUST 7

Panel

Exploring the MMA Initiative: A Holistic Approach to Assessing College Readiness

Thursday, August 7, 5:10 pm - 6:30 pm, Ballroom B1

SIGMAA Activity

SIGMAA on Quantitative Learning (SIGMAA QL) Business Meeting

Thursday, August 7, 5:45 pm - 6:45 pm, Meeting Room 4

SIGMAA Activity

SIGMAA on Math Circles for Students and Teachers (SIGMAA MCST) Business Meeting

Thursday, August 7, 6:00 pm - 7:00 pm, Meeting Room 8

SIGMAA Activity

SIGMAA on the Mathematical Knowledge of Teaching (SIGMAA MKT) Business Meeting and Panel

Thursday, August 7, 6:00 pm - 7:30 pm, Meeting Room 11

SIGMAA Activity

SIGMAA on the Philosophy of Mathematics (SIGMAA POM) Guest Lecture, Reception and Business Meeting

Thursday, August 7, 6:00 pm - 8:00 pm, Ballroom A7-8

Reception Celebrating the Mohammad K. Azarian Award, Prize Recipients, and MAA Journal Editors

Thursday, August 7, 6:30 pm - 8:00 pm, Ballroom A1-6

SIGMAA Activity

SIGMAA on Mathematics and Sports (SIGMAA SPORTS) Business Meeting and Guest Speaker

Thursday, August 7, 6:30 pm - 8:00 pm, Ballroom B3

SIGMAA Activity

SIGMAA on Mathematical and Computational Biology (SIGMAA BIO): Business Meeting and Guest Lecture

Thursday, August 7, 7:00 pm - 8:30 pm, Ballroom A9-10

A Celebration of Effective College Math Teaching

Thursday, August 7, 8:00 pm - 10:00 pm, Capitol View Room (Hyatt Regency Sacramento Hotel - 15th Floor)



CHRONOLOGICAL SCHEDULE | FRIDAY

FRIDAY SCHEDULE, AUGUST 8

Registration & Information

Friday, August 8, 7:30 am - 5:00 pm, West Lobby (First Floor)

AWM-MAA Invited Paper Session aligned with the Falconer Lecture

Mathematical Insights at Different Biological Scales

Friday, August 8, 8:00 am - 9:50 am, Meeting Room 11

MAA Invited Paper Session

Philosophy of Mathematics: The View from Paradox

Friday, August 8, 8:00 am - 10:55 am, Ballroom B2

Contributed Paper Session

Building Community in Mathematics Departments

Friday, August 8, 8:00 am - 10:15 am, Meeting Room 8

Contributed Paper Session

Inquiry-Based Learning

Friday, August 8, 8:00 am - 12:15 pm, Ballroom A7-8

Contributed Paper Session

Integrating Current Events into Quantitative Literacy: Adapting Curriculum to Reflect Today's World

Friday, August 8, 8:00 am - 9:55 am, Ballroom A9-10

Contributed Paper Session

MAA Session on Applied Mathematical Solutions and Innovations in Business, Industry, and Government (BIG)

Friday, August 8, 8:00 am - 9:15 am, Meeting Room 2

Panel

Where to Begin? Prerequisites, Corequisites, and Calculus Success

Friday, August 8, 8:00 am - 9:20 am, Ballroom B1

Panel

Leveraging Assessment and Placement Practices to Promote Equity

Friday, August 8, 8:00 am - 9:20 am, Meeting Room 3

CHRONOLOGICAL SCHEDULE | FRIDAY

FRIDAY SCHEDULE, AUGUST 8

Workshop

Utilizing and Creating SCORE Network Materials for Data Science and Statistics Instructors

Friday, August 8, 8:00 am - 9:20 am, Meeting Room 5

Special Session

Looking at Complex Analysis and Geometry through the Lenses of Research, History, and Pedagogy

Friday, August 8, 8:00 am - 11:35 am, Ballroom B3

Minicourse*

Getting Started in the Scholarship of Teaching and Learning, Part A

Friday, August 8, 8:00 am - 9:50 am, Ballroom B8

**Note: Separate registration and fee are required.*

Minicourse*

Liberal Arts Math, Quantitative Literacy, College Algebra/Precalculus: A Novel Hybrid Curriculum, Part A

Friday, August 8, 8:00 am - 9:50 am, Ballroom B6

**Note: Separate registration and fee are required.*

Future Directions for Mathematics Education Research, Policy, and Practice - Working Session

Friday, August 8, 8:00 am - 9:50 am, Ballroom B4

Student Lounge Open Hours - Sponsored by Transform Learning | Every Learner Everywhere

Friday, August 8, 8:00 am - 6:00 pm, Meeting Room 9-10

Poster Session

Research in Motion (Undergraduate Student Poster Session) - SETUP ONLY

Friday, August 8, 9:00 am - 9:30 am, Exhibit Hall (Hall A - First Floor), Posters Area

MathArt at MathFest!

Friday, August 8, 9:00 am - 4:30 pm, Exhibit Hall (Hall A - First Floor),
Art Installation Area

Exhibit Hall Open Hours

Friday, August 8, 9:00 am - 5:00 pm, Exhibit Hall (Hall A - First Floor)

CHRONOLOGICAL SCHEDULE | FRIDAY

FRIDAY SCHEDULE, AUGUST 8

Exhibit Hall Social Event

Exhibit Hall Scavenger Hunt

Friday, August 8, 9:00 am - 12:30 pm (12:50 pm Winner Announced!), Exhibit Hall (Hall A - First Floor)

Panel

Fields of Success: Math Alliance Scholars Tell their Stories from Undergraduate to Graduate and Beyond

Friday, August 8, 9:30 am - 10:50 am, Ballroom B1

Panel

Advanced Placement Calculus & Precalculus Exams: A Discussion About the Scoring Process and Student Knowledge

Friday, August 8, 9:30 am - 10:50 am, Meeting Room 3

Workshop

Rethinking Assessment: Exploring Alternative Grading Approaches

Friday, August 8, 9:30 am - 10:50 am, Meeting Room 4

Workshop

Teaching Compartmental Models for Mathematical Epidemiology and More

Friday, August 8, 9:30 am - 10:50 am, Meeting Room 2

Poster Session

Research in Motion (Undergraduate Student Poster Session) - Students & Judges Only

Friday, August 8, 9:30 am - 10:30 am, Exhibit Hall (Hall A - First Floor), Posters Area

Student Lounge Activity- Sponsored by Transform Learning | Every Learner Everywhere

A Girl's Unique Perspective and Experience of Learning Math

Friday, August 8, 9:30 am - 10:00 am, Student Lounge (Meeting Room 9-10)

MAA Earle Raymond Hedrick Lecture Series

Terence Tao, *University of California, Los Angeles*

Lecture II: Translational Tilings of Euclidean Space

Friday, August 8, 10:00 am - 10:50 am, Ballroom A1-6

CHRONOLOGICAL SCHEDULE | FRIDAY

FRIDAY SCHEDULE, AUGUST 8

MAA Invited Paper Session

Combinatorics and Computers, Part A

Friday, August 8, 10:00 am - 11:55 am, Meeting Room 11

Minicourse*

Integrating Cryptography into Undergraduate Math Courses, Part B

Friday, August 8, 10:00 am - 11:50 am, Ballroom B8

**Note: Separate registration and fee are required.*

Minicourse*

Evidence-based Practices for Effective Mentoring Relationships, Part B

Friday, August 8, 10:00 am - 11:50 am, Ballroom B4

**Note: Separate registration and fee are required.*

Minicourse*

Teaching Future Teachers, Part B

Friday, August 8, 10:00 - 11:50 am, , Ballroom B6

**Note: Separate registration and fee are required.*

MAA Pavilion Event

MAA Cornhole Competition

Friday, August 8, 10:00 am - 11:30 am, Exhibit Hall (Hall A - First Floor), MAA Pavilion

MAA Pavilion Event

Career Checkpoint: CV, Résumé & Cover Letter Review for VITAL Faculty

Friday, August 8, 10:00 am - 11:00 am, Exhibit Hall (Hall A - First Floor), MAA Pavilion

Student Lounge Activity- Sponsored by Transform Learning | Every Learner Everywhere

MAA INTEGRATE - Math Club Problem Set and Activity Feedback

Friday, August 8, 10:00 am - 11:00 am, Student Lounge (Meeting Room 9-10)

Workshop

Flexagons – from the Basics to the Cutting Edge

Friday, August 8, 10:30 am - 11:50 am, Ballroom A9-10

CHRONOLOGICAL SCHEDULE | FRIDAY

FRIDAY SCHEDULE, AUGUST 8

Poster Session

Research in Motion (Undergraduate Student Poster Session) - Public Viewing

Friday, August 8, 10:30 am - 11:30 am, Exhibit Hall (Hall A - First Floor), Posters Area

MAA James R.C. Leitzel Lecture

Tara Holm, *Cornell University*

Pay It Forward: Practice and Progress in Post-Secondary Mathematics Education

Friday, August 8, 11:00 am - 11:50 am, Ballroom A1-6

Panel

Initiating Your Undergraduate Research and Mentoring: Strategies and Insights Across SIGMAAs

Friday, August 8, 11:00 am - 12:00 pm, Meeting Room 3

Curious Cube Live Recording - Sponsored by Shaw & Co.

Friday, August 8, 11:15 am - 12:00 pm, Ballroom B2

Exhibit Hall Social Event

Expo Block Party!

Sponsored by Mathematical Association of America, American Mathematical Society, and XYZ Homework

Friday, August 8, 11:30 am - 1:00 pm, Exhibit Hall (Hall A - First Floor)

Puppy Break!

Sponsored by HRT

Friday, August 8, 12:00 pm - 1:00 pm, Exhibit Hall (Hall A - First Floor)

Workshop

Initiating Your Undergraduate Research and Mentoring: Strategies and Insights Across SIGMAAs

Friday, August 8, 12:00 pm - 12:50 pm, Meeting Room 3

MAA Invited Address

Tadashi Tokieda, *Stanford University*

Calculating with No Numbers, No Formulas

Friday, August 8, 1:00 pm - 1:50 pm, Ballroom A1-6

CHRONOLOGICAL SCHEDULE | FRIDAY

FRIDAY SCHEDULE, AUGUST 8

Contributed Paper Session

Innovative Pathways: A Showcase of Early Career Research in Applied Mathematics

Friday, August 8, 1:00 pm - 3:15 pm, Meeting Room 2

Contributed Paper Session

Redesigning Mathematics and Statistics Curricula in the Age of AI-Driven Computing

Friday, August 8, 1:00 pm - 3:15 pm, Ballroom B3

Contributed Paper Session

Research on Undergraduate Mathematics Education, Part A

Friday, August 8, 1:00 pm - 3:15 pm, Ballroom A9-10

Workshop

Design Tool for College Mathematics Instructor/TA Preparation Programs - Beta-Test

Friday, August 8, 1:00 pm - 2:20 pm, Ballroom A7-8

Poster Session

Contributed Poster Session, Part II

Friday, August 8, 1:00 pm - 2:15 pm, Exhibit Hall (Hall A - First Floor), Posters Area

Student Activity Speaker

Tim Chartier, *Davidson College*

Exponential Party Fun

Friday, August 8, 2:00 pm - 2:50 pm, Ballroom A1-6

MAA Invited Paper Session

Combinatorics and Computers, Part B

Friday, August 8, 2:00 pm - 3:55 pm, Meeting Room 11

Panel

Math Meets Policy: Advocating for Change

Friday, August, 8, 2:00 pm - 3:20 pm, Ballroom B1

CHRONOLOGICAL SCHEDULE | FRIDAY

FRIDAY SCHEDULE, AUGUST 8

AWM Panel

Sonia Kovalevsky Days

Friday, August 8, 2:00 pm - 3:20 pm, Meeting Room 3

Workshop

Get Started in Ximera: LaTeX to Online Interactive Content

Friday, August 8, 2:00 pm - 3:20 pm, Meeting Room 4

Minicourse*

Introduction to Process Oriented Guided Inquiry Learning (POGIL) for Math and Stats Courses, Part B

Friday, August 8, 2:00 pm - 3:50 pm, Ballroom B8

**Note: Separate registration and fee are required.*

Minicourse*

Implementing Alternative Grading, Part B

Friday, August 8, 2:00 pm - 3:50 pm, Ballroom B4

**Note: Separate registration and fee are required.*

Minicourse*

Jumpstarting Your Scholarship, Part B

Friday, August 8, 2:00 pm - 3:50 pm, Ballroom B6

**Note: Separate registration and fee are required.*

Special Session

Breaking Barriers: Honoring the Legacy of Elbert Frank Cox, the First African American PhD in Mathematics

Friday, August 8, 2:00 pm - 6:25 pm, Ballroom B2

MAA Pavilion Event

MAA Cornhole Competition

Friday, August 8, 2:00 pm - 3:30 pm, Exhibit Hall (Hall A - First Floor), MAA Pavilion

Contributed Paper Session

MAA Section Activities – Innovative Programs and Initiatives

Friday, August 8, 3:00 pm - 5:55 pm, Ballroom A7-8

CHRONOLOGICAL SCHEDULE | FRIDAY

FRIDAY SCHEDULE, AUGUST 8

Contributed Paper Session

SoTL: Focus on Game-based Learning

Friday, August 8, 3:00 pm - 6:15 pm, Meeting Room 8

History of Mathematics Trivia Contest

Friday, August 8, 3:00 pm - 4:00 pm, Meeting Room 9-10

MAA Pavilion Event

Committee for Minority Participation in Mathematics

Friday, August 8, 3:00 pm - 4:00 pm, Exhibit Hall (Hall A - First Floor), MAA Pavilion

Contributed Paper Session

Mathematics and Sports

Friday, August 8, 3:30 pm - 6:05 pm, Ballroom A9-10

Panel

The Art of Publishing in MAA Journals

Friday, August 8, 3:30 pm - 4:50 pm, Ballroom B1

TPSE Panel

The Right Math for the Right Students at the Right Time: Evolving Policies to Support the Transition from High School to Higher Education

Friday, August 8, 3:30 pm - 4:50 pm, Meeting Room 3

Poster Session

PosterFest 2025: Scholarship by Early Career Mathematicians

Friday, August 8, 3:30 pm - 5:00 pm, Exhibit Hall (Hall A - First Floor), Posters Area

AWM Workshop

Mathematical Games and Puzzles: Fun for All!

Friday, August 8, 3:30 pm - 4:20 pm, Meeting Room 4

MathArt at MathFest Awards Ceremony and Reception

Friday, August 8, 3:30 pm - 4:30 pm, Exhibit Hall (Hall A - First Floor),
Art Installation Area

CHRONOLOGICAL SCHEDULE | FRIDAY

FRIDAY SCHEDULE, AUGUST 8

Special Session

AMC/AIME/USAMO Editors' Favorite Problems

Friday, August 8, 4:00 pm - 5:55 pm, Ballroom B3

Special Session

Notable Events in the Histories of the 29 Sections of the MAA

Friday, August 8, 4:00 pm - 6:00 pm, Meeting Room 11

Contributed Paper Session

Collaborative Partnerships for Equitable Mathematics Learning: Research and Practice

Friday, August 8, 4:00 pm - 5:55 pm, Meeting Room 2

Minicourse*

Teaching Mathematics Through Games, Part B

Friday, August 8, 4:00 pm - 5:50 pm, Ballroom B8

**Note: Separate registration and fee are required.*

Minicourse*

Empowering Mathematics Mentorship: Personalized Undergraduate Research Experiences and Community Building, Part B

Friday, August 8, 4:00 pm - 5:50 pm, Ballroom B4

**Note: Separate registration and fee are required.*

Workshop

Addressing Mental Health in Academia: Academia, Imposter Syndrome, and Self Worth

Friday, August 8, 5:00 pm - 6:20 pm, Meeting Room 3

Workshop

Leveraging APIs: Improving the Data We Bring to Students

Friday, August 8, 5:00 pm - 6:20 pm, Meeting Room 4

Alder Award Session

Friday, August 8, 5:00 pm - 6:20 pm, Ballroom A1-6

Social Event

AMC Director and Editors Meet & Greet

Friday, August 8, 6:00 pm - 6:30 pm, Ballroom B3

CHRONOLOGICAL SCHEDULE | FRIDAY

FRIDAY SCHEDULE, AUGUST 8

SIGMAA Activity

SIGMAA on Mathematics Instruction Using the Web (SIGMAA WEB) Business Meeting and Interactive Showcase of Open Resources

Friday, August 8, 6:00 pm - 7:30 pm, Ballroom B1

SIGMAA Activity

SIGMAA on Environmental Mathematics (SIGMAA EM) Business Meeting and Guest Lecture

Friday, August 8, 6:15 pm - 7:45 pm, Ballroom A7-8

SIGMAA Activity

SIGMAA on the History of Mathematics (SIGMAA HOM) Business Meeting and Guest Lecture

Friday, August 8, 6:15 pm - 7:45 pm, Meeting Room 11

SIGMAA Activity

SIGMAA on Statistics and Data Science Education (SIGMAA SDS-ED) Business Meeting

Friday, August 8, 6:30 pm - 7:30 pm, Meeting Room 4

SIGMAA Activity

SIGMAA on Teaching Advanced High School Mathematics (SIGMAA TAHSM) Business Meeting

Friday, August 8, 6:30 pm - 8:00 pm, Ballroom B3

Social Event

Undergraduate Student Dessert Reception

Friday, August 8, 8:00 pm - 9:00 pm, Regency Ballroom BC (Hyatt Regency Sacramento Hotel - First Floor)

CHRONOLOGICAL SCHEDULE | SATURDAY

SATURDAY SCHEDULE, AUGUST 9

Registration & Information

Saturday, August 9, 7:30 am - 12:00 pm, West Lobby (First Floor)

MAA Invited Paper Session

Early Career Research Initiatives from Project NExTBlue'24

Saturday, August 9, 8:00 am - 11:50 am, Meeting Room 11

Contributed Paper Session

Incorporating Alternate Forms of Assessment and Alternative Grading Systems in Undergraduate Mathematics Classes

Saturday, August 9, 8:00 am - 11:55 am, Ballroom A9-10

Contributed Paper Session

In the Real with Applications of Differential Equations for Learning, Part B

Saturday, August 9, 8:00 am - 10:55 am, Meeting Room 8

Contributed Paper Session

Teaching Flops: Learning and Adapting when Teaching Goes Astray

Saturday, August 9, 8:00 am - 10:35 am, Ballroom A7-8

Town Hall

100 Things You Can Do Next Week to Incorporate Grace, Compassion, and Inclusion in Your Mathematics Class

Saturday, August 9, 8:00 am - 9:20 am, Meeting Room 3

Workshop

Exploring the Use of AI to Translate Early Modern Mathematics from Latin to English

Saturday, August 9, 8:00 am - 9:20 am, Meeting Room 4

Special Session

Recreational Mathematics: Puzzles, Card Tricks, Games, and Gambling

Saturday, August 9, 8:00 am - 9:55 am, Ballroom B3

Minicourse*

Getting Started in the Scholarship of Teaching and Learning, Part B

Saturday, August 9, 8:00 am - 10:00 am, Ballroom B8

**Note: Separate registration and fee are required.*

CHRONOLOGICAL SCHEDULE | SATURDAY

SATURDAY SCHEDULE, AUGUST 9

Minicourse*

Liberal Arts Math, Quantitative Literacy, College Algebra/Precalculus: A Novel Hybrid Curriculum, Part B

Saturday, August 9, 8:00 am - 9:50 am, Ballroom B6

**Note: Separate registration and fee are required.*

Committee Meeting

MAA Business Meeting

Saturday, August 9, 9:20 am - 9:50 am, Ballroom B1

Panel

Course-Based Undergraduate Research Experiences in College Mathematics Classrooms: Diverse Perspectives and Practical Approaches

Saturday, August 9, 9:30 am - 10:50 am, Meeting Room 3

Workshop

Standing on the Shoulders of Giants: A Historical Approach to Fostering Mathematical Breakthroughs

Saturday, August 9, 9:30 am - 10:50 am, Meeting Room 4

AMS-MAA Joint Invited Address

Naomi Cameron, *Spelman College*

Combinatorial Approaches to Matrix Functions

Saturday, August 9, 10:00 am - 10:50 am, Ballroom A1-6

MAA Invited Paper Session

Recent Developments in Math and the Arts, Part A

Saturday, August 9, 10:00 am - 11:50 am, Ballroom B2

Minicourse*

Navigating the AI Landscape: Practical and Ethical Integration in Mathematics Education, Part B

Saturday, August 9, 10:00 am - 11:50 am, Ballroom B8

**Note: Separate registration and fee are required.*

CHRONOLOGICAL SCHEDULE | SATURDAY

SATURDAY SCHEDULE, AUGUST 9

Minicourse*

Teaching Probability and Statistics: Technology and Active Learning Approaches, Part B

Saturday, August 9, 10:00 am - 11:50 am, Ballroom B4

**Note: Separate registration and fee are required.*

Minicourse*

Math for Social Justice: Concrete Examples for the Classroom, Part B

Saturday, August 9, 10:00 am - 11:50 am, Ballroom B6

**Note: Separate registration and fee are required.*

Julia Robinson Mathematics Festival

Saturday, August 9, 10:00 am - 12:00 pm, Meeting Room 9-10

Contributed Paper Session

Environmental and Biological Research in Mathematics, in and out of the Classroom

Saturday, August 9, 10:30 am - 12:05 pm, Ballroom B3

NAM David Harold Blackwell Lecture

Talitha Washington, *Howard University*

100 Years of Inspiration: Elbert Frank Cox and the Future of Mathematics

Saturday, August 9, 11:00 am - 11:50 am, Ballroom A1-6

AMC Awards Ceremony: MOAC and Sliffe

Saturday, August 9, 11:00 am - 1:00 pm, Meeting Rooms 1-2

Chan Stanek Ross Lecture for Students

Skip Garibaldi, *IDA Center for Communications Research, La Jolla*

A Better Way to Buy Lottery Scratch-off Tickets

Saturday, August 9, 1:00 pm - 1:50 pm, Ballroom A1-6

Contributed Paper Session

Research on Undergraduate Mathematics Education, Part B

Saturday, August 9, 1:00 pm - 5:55 pm, Ballroom A9-10

CHRONOLOGICAL SCHEDULE | SATURDAY

SATURDAY SCHEDULE, AUGUST 9

Workshop

Revolutionizing Math Education: Unlocking the Power of AI Tools in the Classroom

Saturday, August 9, 1:00 pm - 2:20 pm, Ballroom B1

Workshop

Communicating the Complex and the Conflicted

Saturday, August 9, 1:30 pm - 2:50 pm, Meeting Room 4

Martin Gardner Lecture

Persi Diaconis, *Stanford University*

The Magic of Charles Sanders Peirce

Saturday, August 9, 2:00 pm - 2:50 pm, Ballroom A1-6

MAA Invited Paper Session

Trends in Mathematical and Computational Biology

Saturday, August 9, 2:00 pm - 5:50 pm, Ballroom A7-8

Contributed Paper Session

From Theory to Practice – Applying Literature-Based Teaching Practices in the Real Classroom

Saturday, August 9, 2:00 pm - 5:15 pm, Meeting Room 8

MAA Invited Paper Session

The Next Frontier: AI Innovations in Mathematics Research

Saturday, August 9, 3:00 pm - 5:20 pm, Meeting Room 11

MAA Invited Paper Session

Recent Developments in Math and the Arts, Part B

Saturday, August 9, 3:00 am - 5:20 am, Ballroom B2

Panel

Career Paths in Business, Industry, and Governments - Sponsored by Citadel | Citadel Securities

Saturday, August 9, 3:00 pm - 4:20 pm, Ballroom B1

CHRONOLOGICAL SCHEDULE | SATURDAY

SATURDAY SCHEDULE, AUGUST 9

Panel

Students as Partners in Equity-Oriented Undergraduate Mathematics Department Change

Saturday, August 9, 3:00 pm - 4:20 pm, Meeting Room 3

Workshop

Engaging Classroom Activities for Teaching Trigonometry: Moving Beyond the Unit Circle

Saturday, August 9, 3:00 pm - 4:20 pm, Meeting Room 4

Deborah and Franklin Tepper Haimo Awards

Saturday, August 9, 3:00 pm - 4:20 pm, Ballroom A1-6

Read the Masters!: Weierstrass Formalizes the Limit Concept

Saturday, August 9, 3:00 pm - 5:00 pm, Meeting Room 9-10

Celebrating Black Excellence in Mathematics: Screening of “Journeys of Black Mathematician: Creating Pathways” by George Csicsery and Panel Discussion - Sponsored by Two Sigma

Saturday, August 9, 3:00 pm - 5:30 pm, Ballroom B3

NOTES

Join the Mathematical Association of America
community for MAA MathFest 2026, taking
place in Boston, MA, at the Boston Marriott
Copley Place!

Don't miss this exciting opportunity to
connect, learn, and celebrate mathematics
with fellow enthusiasts from around the world.

For more information, visit maa.org/mathfest