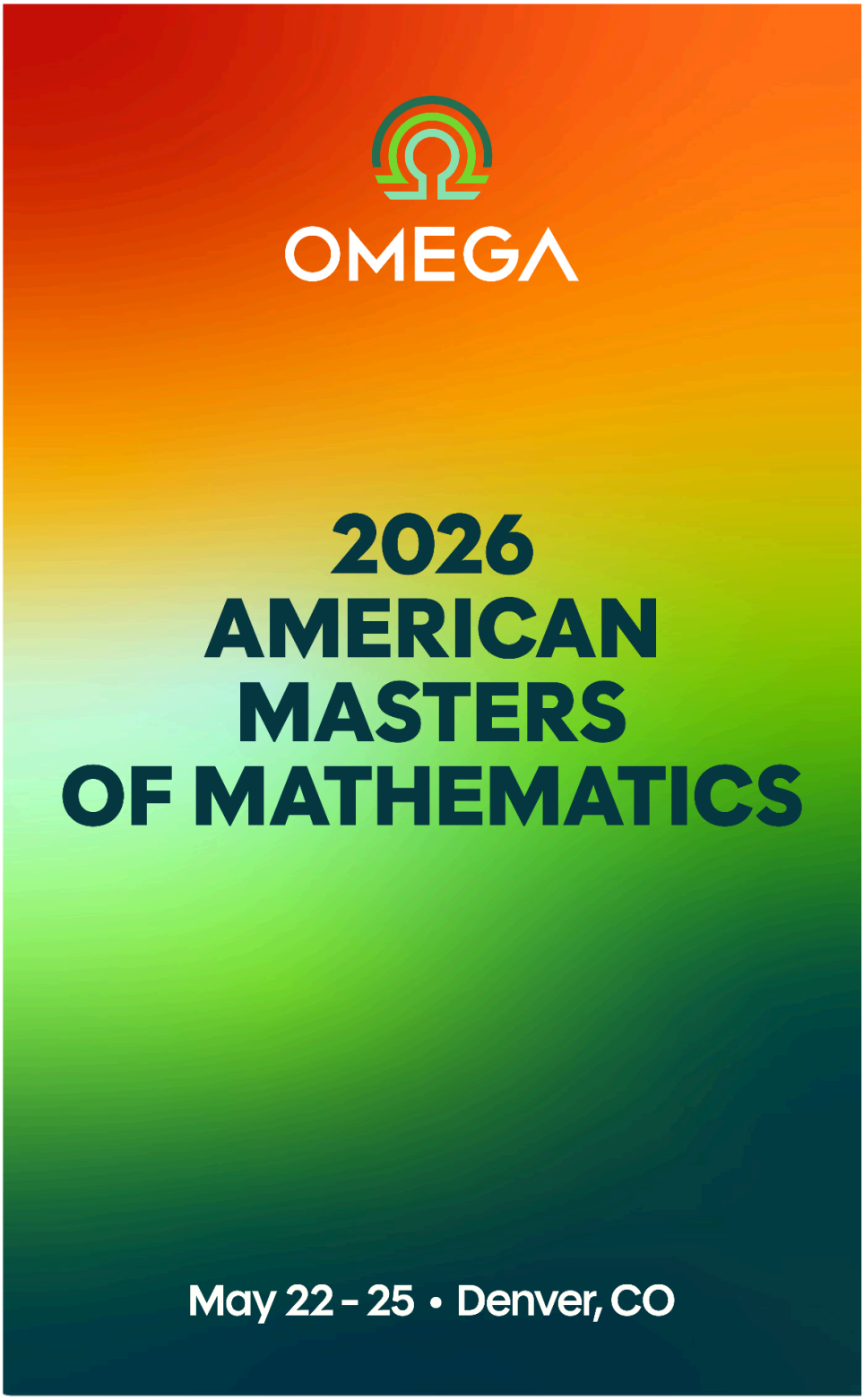

OMEGA
2026
AMERICAN
MASTERS
OF MATHEMATICS
May 22 - 25 • Denver, CO

2026 AMERICAN MASTERS OF MATHEMATICS

Join us for a weekend of competition, festivities, and mathematics!

May 22-25, 2026 | Sheraton Denver Downtown | omegausa.org

SCHEDULE OF EVENTS

All times in Mountain Time Zone.

FRIDAY, MAY 22

4:00 pm to Midnight — **CHECK-IN: CONTESTANTS & WEEKEND PASSES**

Sheraton Denver Downtown, Lower Level
1550 Court Place, Denver, CO 80202

Contestants, chaperones, and weekend pass holders will need to check in no later than Friday, May 22. Contestants will need to bring an ID in order to pick up their tournament-issued gear and seat assignment (required for the competition round). Your photo will be taken for the yearbook. Please remember to wear your badge throughout the weekend for admission to AMM events.

Contact amm@omegausa.org in advance if you anticipate any concerns with a timely arrival. In the event of unexpected travel delays on Friday evening, you may notify OMEGA by sending a text message to 650.646.4432. Note that check-in will not be available on Saturday morning and make-up testing rounds will not be offered.

(*Check-in for festival pass holders will be held on Sunday at 8 am.*)

6:00 pm to 8:00 pm — **KICK-OFF RECEPTION, SPONSORED BY JANE STREET**

Governor's Square 15

Kick off the weekend in Jane Street's activity room, featuring food, friends, and warm-up activities! Stop by to fuel up on dinner before Saturday's tournament, grab some swag, solve some puzzles, and play board games we love at Jane Street.

8:00 pm to 8:30 pm **WALKTHROUGH OF REGULATIONS, WITH HEAD PROCTOR HONG LIU**

Plaza Ballroom A

This optional and brief overview will reiterate the competition regulations, which are available at omegausa.org/regulations. All contestants are expected to be versed in the rules and regulations of AMM; however, attendance at this session is not required. Information shared during this session will also be found in the published regulations.

SATURDAY, MAY 23

5:30 am to 7:30 am **BREAKFAST OF CHAMPIONS**

Governor's Square Hallway

Seating in Governor's Square 15, 16, & 17

Come sit down for a healthy start to the day! Contestants, coaches, and families are invited to enjoy a nutritious array of breakfast burritos, pastries, yogurts, juices, and more, as participants get ready for a big day of competition, engagement, and mathematical wonder. Please kindly allow all contestants priority in line.

7:30 am to 1:15 pm **MORNING SESSIONS**

Morning Session for Contestants (7:30 am to 1:00 pm)

AMM TOURNAMENT ROUND

Plaza Ballroom A

Tournament doors open at 7:30 am for screening.

Please arrive promptly and quickly take your seat.

Welcome from OMEGA President and Executive Director

Tournament Round (8:30 am to 1:00 pm)

Morning Session for Families and Coaches (10:00 to 11:30 am)

Family Series, sponsored by Susquehanna

Governor's Square 14

"The Art of Problem Solving: AMM and Beyond"

Hosted by Richard Rusczyk

An engaging series of fireside chats with special guests

You've nurtured their love for mathematics and now they're talented young mathematicians — what's next? Join host Richard Rusczyk for a series of engaging conversations with special guests as they discuss the challenges and opportunities around keeping mathematically-gifted youth engaged on the path to college and careers. Special guests include Eugenia Malinnikova, Kiran Kedlaya, Eugene Chen, David Fletcher, Zuming Feng, Evan Chen, and Kathy Lin.

Richard founded the Art of Problem Solving (AoPS) in 2003 to create interactive educational opportunities for avid math students, and expanded this work by founding the nonprofit Art of Problem Solving Initiative in 2004. AoPS now reaches hundreds of thousands of high-potential math students every year through its learning centers, online schools, books, websites, and online learning systems. Richard authored or co-authored seven math textbooks, created over 1400 videos for K-12 math students, and was a Director of the USA Mathematical Talent Search. He was a USAMO winner and an alternate for the US IMO team in 1989, and he graduated from Princeton with a degree in chemical engineering in 1993.

The Family Series is followed by

Puzzle Packets in Susquehanna Commons

Plaza Ballroom Foyer

AMM is pleased to offer a lounge space with challenging puzzle packets, courtesy of the US Sudoku Championship and US Puzzle Championship competitions, for those who love to solve logic puzzles! Featuring special guests all weekend long.

1:00 pm to 3:45 pm **LUNCH AND GAMES WITH JANE STREET**

Governor's Square 15

After the tournament wraps, come unwind with Jane Street! Swing by for lunch, more puzzles, board games, and a chance to get your aura photographed.

3:30 pm to 4:00 pm

DESIGNING THE AMERICAN MASTERS OF MATHEMATICS

Plaza Ballroom F

Join OMEGA's Creative Director Zuming Feng and Head Writer Evan Chen as they recount the story of how the American Masters of Mathematics grew out of a vision to reshape the landscape of math competitions into the innovative experience that has engaged and inspired hundreds of talented students from across the country. Hear about the creative process of writing contest problems and learn about the design behind Sunday's review sessions. We'll also discuss some solutions — aka "test review."

4:00 pm to 5:30 pm

KEYNOTE SPEAKER, sponsored by Jane Street

The Mathematics of Doodling, with Ravi Vakil

Plaza Ballroom F

A creative and fundamentally human activity, ***doodling*** can result in designs with intricate and often hidden implicit structure. Join mathematics professor Ravi Vakil on a journey into the mathematical mind. Let's treat doodles as an example of how mathematics is done — by starting with some doodles, we will ask ourselves some natural questions and see where they take us. You may be surprised to see how doodling leads us to some unexpected places, and to some sophisticated mathematics!

Ravi Vakil is President of the American Mathematical Society and the Robert Grimmett Professor of Mathematics at Stanford University. His area of research is algebraic geometry. After earning a BSc and MSc at the University of Toronto, Ravi completed his PhD in mathematics at Harvard and went on to teach at Princeton and MIT before joining Stanford's faculty in 2001.

Ravi was a three-time member of the Canadian IMO team, winning silver, gold (perfect score), and gold in 1986, 1987, and 1988, respectively. He is also a four-time Putnam Fellow and has received numerous awards and honors.

5:30 pm to 7:30 pm

DINNER ON YOUR OWN

7:30 pm to 8:00 pm

DOORS OPEN FOR SEATING

Plaza Ballroom F

Come early so you don't miss your chance to try several flavors from Denver's local gourmet popcorn shop, Cornzapoppin. Whether you stay classic with buttery popcorn, get adventurous with exotic combinations, or become a fan of Denver-style popcorn, you can't go wrong combining decadent popcorn, an inspiring movie, and a relaxing night with new friends who love math as much as you do!

8:00 pm to 9:00 pm

FILM SCREENING: *HUNTING YELLOW PIGS*

Q&A with Jon Roberts and Ming-I Huang

Plaza Ballroom F

After a long day of competition, the AMM community will come together for a special film screening of *Hunting Yellow Pigs*, a documentary on a summer program for high schoolers that has had a tremendous impact on American mathematics and remains a paragon of questing knowledge.

For over half a century, the Hampshire College Summer Studies in Mathematics (HCSSiM) has influenced many young mathematicians who have gone on to become exceptionally talented innovators, leaders, scientists, educators, writers, and even comedians. The film showcases how David Kelly, HCSSiM's founder and director for over half a century, has cultivated an environment where students learn to love questioning, to share ideas regardless of right or wrong, to explore and discover new theorems, and to form community in the collaborative pursuit of truth. As the film explores the unique, core principles behind the HCSSiM community's astounding success, we discover something much deeper: what is at the heart of mathematics.

After watching the film, hear the behind-the-scenes stories and learn more as you engage in a live Q&A session with the directors and producers.

SUNDAY, MAY 24

8:00 am to 3:00 pm

CHECK-IN: MATH FESTIVAL (ONE-DAY) PASSES

Sheraton Denver Downtown, Lower Level
1550 Court Place, Denver, CO 80202

Festival One-Day Pass purchasers may check in for admission to a full day of engaging, mathematical activities and presentations, from 9 am to 7 pm. Mingle with AMM mathletes from across the country and engage with renowned mathematicians.

9:00 am to 10:00 am

FEATURED PRESENTATION

The Chemistry of Primes, with Melanie Matchett Wood

Plaza Ballroom F

We are familiar with the prime numbers as those integers which cannot be factored into smaller integers, but if we consider systems of numbers larger than the integers, the primes may indeed factor in those larger systems. Join mathematics professor Melanie Matchett Wood to discuss various questions studied by mathematicians about how the primes react in larger number systems, from classical results to current research. Melanie is the William Caspar Graustein Professor of Mathematics at Harvard University, MacArthur Fellow, and the first woman to qualify for the US IMO Team. Math festival attendees welcome.

10:00 am to 5:30 pm **CONTESTANT ACTIVITIES**

Solutions Discussions (10:00 am to 5:30 pm)

Plaza Court

Contestants will be assigned an exact time to meet and discuss their solutions with a team of reviewers. Please arrive 10-15 minutes before your appointment to allow sufficient time for check-in and to be escorted to your review room.

Contestant Excursions

RSVP required. Spots are limited.

Field Trip to Boom Supersonic, sponsored by Electric Capital

Escape Room Adventure

10:00 am to 5:30 pm **AMM MATH FESTIVAL**

Math Festival Activities (10:00 am to 5:30 pm)

Plaza Ballroom A, D, & F

Some activities may be limited due to capacity.

AMM Puzzle Hunt, sponsored by Hudson River Trading

Estimathon® with Jane Street

Folding Paper Gyroids: extreme mathematical origami, with Shiying Dong

Jigsaw Speed Solving Contest, with Ioana Mihaila

Learn to Play Bridge, with Alec Sun

MegaGem™ with Jane Street

MoMath Logic Maze Mats, sponsored by Hudson River Trading

Patterns in the Air: A Collection of Insights on Math and Sound, with Holden Mui

SET Tournament, sponsored by Jane Street

Susquehanna Commons, sponsored by Susquehanna

10:00 am to 5:30 pm

MoMath Logic Maze Mats, sponsored by HRT

Plaza Ballroom F

Highlighting the wonders of mathematics through interactive exhibits, the National Museum of Mathematics (MoMath) offers activities to engage the general public. Come explore the logic maze mats that will challenge your problem-solving skills! Try the “No Left Turn” Garden Maze, in which you can escape the garden labyrinth only by making right turns.

10:00 am to 5:30 pm

AMM Puzzle Hunts, sponsored by HRT

Susquehanna Commons

Team up with friends and family to embark on a puzzle hunt! Choose from one of two puzzle hunts (or solve both!) and grab a table in Susquehanna Commons to start your adventure. If you get stuck, ask for help from the puzzle master, Wil Zambole, who is available to provide hints and make sure a good time is had by all.

10:15 am to 11:00 am

Patterns in the Air: A Collection of Insights on Math and Sound

With Holden Mui

Plaza Ballroom F

Explore the hidden architecture of sound in “Patterns in the Air: A Collection of Insights on Math and Sound,” a curated collection of mathematics informing acoustic phenomena and vice versa. The session includes a hands-on workshop where you'll build boba-straw pan flutes to demonstrate scale ratios and the harmonic series!

10:15 am to 12 noon

Folding Paper Gyroids: extreme mathematical origami!

With Shiying Dong

Plaza Ballroom D

(Walk in anytime.) The gyroid is one of the most elegant surfaces and a popular subject for illustrating mathematics. In this project, we present a simple method for constructing discrete, punctured gyroids using paper strips formed as sequences of squares and equilateral triangles, glued at points where a 4-fold axis intersects the surface. The resulting models feature a hexagonal puncture at each point where a 3-fold rotational axis intersects the surface. Because the gyroid is unbounded, the scope of the project is limited only by time and available materials. Come for just 30 minutes to fold a small gyroid, or stay over an hour to build a massive one! One may also choose to weave a soccer ball.

11:00 am to 12:30 pm

Estimathon® with Jane Street

Plaza Ballroom A

A mind-bending mixture of math and trivia, and a longtime favorite among Jane Streeters. In teams, participants tackle 13 Fermi problems in 30 minutes — ranging from totally trivial to positively Putnamesque — and compete to come up with the best set of confidence intervals. Sample questions: How many computers were connected to the Internet on January 1, 1989? How many YouTube videos have more than 1 billion views? What's the bandwidth beneath the Atlantic Ocean?

Scan the QR code and fill out the survey if you are interested in events hosted by Jane Street. (This is non-binding, and you can still attend even if you didn't RSVP, space permitting)

12:30 pm to 3:30 pm

Tour of Boom Supersonic, sponsored by Electric Capital

(**Contestants Only)**

A Colorado-based company, Boom Supersonic is developing new supersonic jets for the aviation industry and pioneering the path to a supersonic airliner. Contestants will have the rare opportunity to tour Boom Supersonic's headquarters in Centennial Airport!

1:00 pm to 3:00 pm

MegaGem™ with Jane Street

Plaza Ballroom A

Learn and play a competitive card game alongside Jane Streeters. Designed by and played by Jane Streeters, the game simulates elements of markets and trading — fast-paced, exciting, and a whole lot of fun.

Scan the QR code and fill out the survey if you are interested in events hosted by Jane Street. (This is non-binding, and you can still attend even if you didn't RSVP, space permitting)

2:00 pm to 3:00 pm

Learn to Play Bridge!

With Alec Sun

Plaza Ballroom D

Learn to play Bridge, the popular trick-taking card game for teams of two. We will have many decks of cards for you to play bridge (and other card games) throughout the day. There will be a dedicated tutorial at 2:00 pm to learn the rules and theory of bridge, followed by game play.

3:30 pm to 5:30 pm

Jigsaw Speed-Solving Contest

Hosted by Ioana Mihaila

Plaza Ballroom D

Do you consider yourself an expert jigsaw puzzle solver? Bring your team of four to compete in a speed-solving contest. Use your pattern-matching talent and collaborative solving skills to become the first team to finish — all without knowing the picture you're solving for! Winners will receive a copy of the laser-cut wooden jigsaw puzzle designed by Liberty Puzzles and stamped with a commemorative OMEGA logo.

3:30 pm to 5:30 pm

SET Tournament, sponsored by Jane Street

Hosted by Gary Gordon and Liz McMahon

Plaza Ballroom A

SET is a visual pattern-finding card game with several mathematical structures hidden inside. Gary Gordon and Liz McMahon will briefly introduce some of the cool math in the game, followed by a SET tournament! Casual players are also welcome.

As Scheduled

Escape Room Adventure

(**Contestants Only**)

Look for clues and solve puzzles to unlock the door and escape before the clock runs out!

5:30 pm to 7:00 pm

PODCAST, with host and moderator Eric Shao

Rebuilding Trust in Math Competitions

With Zuming Feng, Evan Chen, Paul Zeitz, Danny Shi, and Hong Liu

Plaza Ballroom F

Join award-winning podcast host and high school student, Eric Shao, for a thought-provoking roundtable discussion (and podcast recording) about today's math competition ecosystem, featuring special guests Zuming Feng, Evan Chen, Paul Zeitz, and Danny Shi. Hear what each person has to say about such topics as: how the landscape of math contests has evolved over time, the influence of AI, the latest challenges facing proctors and organizers of honest competitions, and what might come next. Math festival attendees welcome.

7:00 pm to 10:00 pm **SUNDAY NIGHT CELEBRATION, sponsored by Jane Street**

Holey Moley Mini Golf (1201 18th Street)

Contestants and their families are invited to mingle and celebrate the final evening of an unforgettable weekend. Play unlimited rounds of mini golf as you enjoy a decadent array of hors d'oeuvres, pizza, sliders, and desserts. Be sure to bring your AMM weekend badge for entry.

MONDAY, MAY 25

8:00 am to 10:00 am **AWARDS AND CLOSING CEREMONY**

Grand Ballroom

Medals and cash prizes will be awarded, and commemorative hoodies will be handed out to all contestants and their chaperones who are present. Contestants will be asked to sit in designated rows; please arrive early and take your seat before the ceremony begins.

Gold Medals ($3,000 cash prizes), sponsored by Jane Street
Silver Medals ($2,000 cash prizes), sponsored by Susquehanna
Bronze Medals ($1,500 cash prizes), sponsored by Electric Capital and Hudson River Trading
Special Prize Awards (varying cash prizes), sponsored by Ellipsis Labs

Questions? Email amm@omegausa.org

About OMEGA Math

Organization for Mathematical Engagement & Growth in America

The mission of OMEGA Math is to discover, nurture, and develop mathematical talent and to broaden mathematical engagement opportunities for students in the United States.

Designed by IMO coaches and medalists, the **American Masters of Mathematics** brings together America's most mathematically talented students in grades 10 through 12 to compete on challenging math problems, learn from renowned mathematicians and IMO medalists, explore math through engaging activities, and build connections with like-minded peers who love math as much as they do!

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