MathWorks Math Modeling Challenge

A program of SIAM

Final Event: April 27, 2026

PROGRAM

7:30 Arrive at Jane Street; all-team photo

WELCOME BREAKFAST

8:00 *Opening Remarks*

TEAM PRESENTATIONS

8:45 **American Heritage Schools, Palm Beach Campus**
Team #18753

9:10 **Haberdashers' Elstree School**
Team #18612
(Technical Computing)

9:35 **Thomas Jefferson High School for Science and Technology**
Team #19421

10:00 **Stuyvesant High School**
Team #19068
(Technical Computing)

10:25 **Lake Ridge Academy**
Team #19224

10:50 *10-minute Break*

11:00 **Liberty High School**
Team #19018

11:25 **Colchester Royal Grammar School**
Team #18907
(Technical Computing)

11:50 **Edison Academy Magnet School**
Team #19140

12:15 **Arizona College Prep High School**
Team #19232

MEET OUR HOST: LUNCH & PRESENTATION

12:40 *Lunch buffet*

1:00 *Introduction to Jane Street*

1:30 *Jane Street Panel*
Moderator, Emma Karlan

AWARDS CEREMONY AND RECEPTION

2:30 *"Best of" video: M3 Challenge 2026 Experience*

Remarks
Dr. Suzanne Weekes, Chief Executive Officer, SIAM

Outstanding Communication of Results and Technical Computing Scholarship Prizes
Tanya Kuruvilla, MathWorks

M3 Challenge Team Prizes
Grace K. Murrin, Programs Manager, SIAM

3:00 Team Photos & Optional Jane Street Tours
**Teams may participate in Jane Street Tours after they have had their photo(s) taken or while they wait for their scheduled photo time.*

4:00 Meet at Marriott for transport to airport/trains/vans

A program of SIAM | Society for Industrial and Applied Mathematics

Host:
Jane Street
250 Vesey Street
New York, New York 10281

2026 Problem
The Rise of Online Gambling: What's at Stake?

Of the 770 papers submitted to this year's MathWorks Math Modeling Challenge, 153 (19.8%) advanced to the second round of judging, where 37 were selected for awards and recognition (4.8%).

FINALISTS

M3 Challenge Finalist Awards honor teams for the most outstanding mathematical approaches to the problem through modeling, justifying assumptions, describing their process, analyzing effects of change, and summarizing results. The top six teams will present their papers and winners will be announced at the awards ceremony.

American Heritage Schools, Palm Beach Campus
Delray Beach, Florida (Team #18753)
Coach: Derek Rampal
Students: Siyuan Du, Rayan Kha, Joseph Levenston, Rishan Thangaraj, David Zapata

Arizona College Prep High School
Chandler, Arizona (Team #19232)
Coach: Jonathan Thompson
Students: Akil Gopinath, Rishi Malatkar, Varun Sunku, Vishnu Tailor

Edison Academy Magnet School
Edison, New Jersey (Team #19140)
Coach: Michelle Gomes
Students: Sreethan Gangavarapu, Vedaswaroop Kunamneni, Ishan Nagpal, Alexander Poon, Ashwath Ram

Liberty High School
Frisco, Texas (Team #19018)
Coach: Jennifer Harrison
Students: Rohan Bansal, Toyeshh Medikonda, Abhay Murthy, Akshay Murthy, Vikshar Rajesh

Lake Ridge Academy
North Ridgeville, Ohio (Team #19224)
Coach: Jake Lord
Students: Eric Shin, Kisen Yao, Shirley You

Thomas Jefferson High School for Science and Technology
Alexandria, Virginia (Team #19421)
Coach: Sewon Yang
Students: Varun Ananthakrishnan, Adhiraj Chhoda, Shresth Jaiswal, Ashwath Muppa, Agastya Sondhi

TECHNICAL COMPUTING FINALISTS

This year 248 papers were considered for MATLAB Technical Computing Awards for outstanding use of programming to analyze, design, and conceive a solution for the problem. The top three teams will present their papers and winners will be announced at the awards ceremony.

Colchester Royal Grammar School
Colchester, England (Team #18907)
Coach: Steven Loxley
Students: Diart Olluri, Gyula Rabai, Calvin Vu, Stanislaw Wancerski

Haberdashers' Elstree School
Borehamwood, England (Team #18612)
Coach: Kim Harrison
Students: Anika Gupte, Arav Mathur, Aarav Rajput, Sofia Rusche, Shah

Stuyvesant High School
New York, New York (Team #19068)
Coach: Patrick Honner
Students: Jayden Kim, Daniel Li, Katie Wong, Cyrus Yau, Andrew Zang

TEAM SCHOLARSHIP AWARDS: $100,000 OR £75,000

M3 Challenge Champion ..... **$20,000 or £15,000+**
M3 Challenge Runner Up ..... **$15,000 or £11,400+**
M3 Challenge Third Place ..... **$10,000 or £7,500+**
M3 Challenge Finalists (3) ..... **$5,000 or £3,750+ each**
M3 Challenge Semi-Finalists (6) ..... **$1,500 or £1,100+ each**
M3 Challenge Honorable Mentions (19) ..... **$1,000 or £750+ each**
Technical Computing Finalists (3) ..... **$3,000, $2,000, $1,000 or £2,250+, £1,500+, £750+**
SPARK Award Winners (3) **$3,000, $2,000, $1,000**
Outstanding Communication of Results ..... **$500 or £375+ each**

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SEMI-FINALISTS

Papers from the following six schools underwent in-depth discussion and were deemed of exceptional quality by judges. These teams are recognized as semi-finalists and will receive awards of $1,500 each.

Adlai E. Stevenson High School
Lincolnshire, Illinois (Team #18486)
Coach: Paul Kim
Students: Atrey Iyer, Likhith Nimmanapalli, Hemanth Samayamantri

High Technology High School
Lincroft, New Jersey (Team #19058)
Coach: Adam Iatesta
Students: Rohan Arni, Niyel Hassan, Ashwin Kolli-Johnson, Alexander Mazurczyk, Saketh Satti

James B. Conant High School
Hoffman Estates, Illinois (Team #18908)
Coach: Meg McCaliano
Students: Skanda Athreya, Aarush Bharthepudi, Ansh Patel, Joshua Park, Austin Wu

King Edward VI Grammer School
Chelmsford, England (Team #19050)
Coach: Doug Johnson
Students: William Banthorpe, Jules Bennie, Andy Jaros, Sushant Lankothu, Ellie Sobolev

Mission San Jose High School
Fremont, California (Team #18630)
Coach: Ai-Chen Liu
Students: Geetansh Dhuria, Caleb Ma, Aditya Ojha, Aditya Palit, Aashrith Yedavalli

Troy High School
Troy, Michigan (Team #18790)
Coach: Margaret Slankster
Students: Aarush Das, William Dong, Pratyush Neelakantan, Matthew Vijayasegar, Nathan Wang

HONORABLE MENTIONS

Teams representing the following schools are recognized for honorable mention distinction. Awards of $1,000 will be awarded to each of these 19 teams for noteworthy submissions.

Adlai E. Stevenson High School
Lincolnshire, Illinois (Team #19353)

Denmark High School
Alpharetta, Georgia (Team #19398)

Everglades High School
Miramar, Florida (Team #19126)

Haberdashers' Elstree School
Borehamwood, England (Team #18612)

Illinois Mathematics and Science Academy
Aurora, Illinois (Team #19237)

King Edward VI School
Stratford-upon-Avon, England (Team #18536)

Lambert High School
Suwanee, Georgia (Team #19317)

Lightridge High School
Aldie, Virginia (Team #18961)

Livingston High School
Livingston, New Jersey (Team #18609)

New Albany High School
New Albany, Ohio (Team #19145)

Novi High School
Novi, Michigan (Team #18601)

Plantation High School
Plantation, Florida (Team #18926)

St. John's School
Houston, Texas (Team #18599)

St. John's School
Houston, Texas (Team #18608)

Stuyvesant High School
New York, New York (Team #19077)

The Blue Coat School
Liverpool, England (Team #18914)

Thomas Jefferson High School for Science and Technology
Alexandria, Virginia (Team #19172)

White Station High School
Memphis, Tennessee (Team #19120)

Whitney Middle High School
Cerritos, California (Team #19402)

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ABOUT M3 CHALLENGE

MathWorks Math Modeling Challenge (M3 Challenge) is the prestigious internet-based competition known for providing a transformative high school experience to inspire students to pursue STEM majors and careers. The contest, organized by Society for Industrial and Applied Mathematics (SIAM) and sponsored by leading software developer MathWorks, is free and open to students in the U.S., England, and Wales. M3 Challenge will award top teams this year with $100,000+ or £75,000+ in scholarships to use for their higher education. M3 Challenge has awarded more than $1.95 million in scholarships to date.

Teams of three to five junior/senior or sixth form students spend up to 14 hours on Challenge weekend devising and submitting a solution to the Challenge problem, which is not revealed to them until they log in. Following a rigorous multi-stage judging process, six finalist teams and three technical computing awardees present their findings live to a final judge panel to determine the final rank order. Learn more at ***m3challenge.siam.org***.

ABOUT MATHWORKS

MathWorks is the leading developer of mathematical computing software. MATLAB, the language of engineers and scientists, is a programming environment for algorithm development, data analysis, visualization, and numeric computation. Simulink is a block diagram environment for simulation and Model-Based Design of multidomain and embedded engineering systems. Engineers and scientists worldwide rely on these products to accelerate the pace of discovery, innovation, and development in automotive, aerospace, communications, electronics, industrial automation, and other industries. MATLAB and Simulink are also fundamental teaching and research tools in the world's universities and learning institutions. Founded in 1984, MathWorks employs more than 6,500 people in 34 offices around the world, with headquarters in Natick, Massachusetts, U.S. For additional information, visit ***mathworks.com***.

ABOUT SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS

Society for Industrial and Applied Mathematics (SIAM), headquartered in Philadelphia, Pennsylvania, is an international society of more than 14,000 individual, academic and corporate members from 100+ countries. SIAM helps build cooperation between mathematics and the worlds of science and technology to solve real-world problems through publications, conferences, and communities like student chapters, geographic sections, and activity groups.. Learn more at ***siam.org***.

ABOUT JANE STREET

Jane Street is a quantitative trading firm with offices worldwide. They hire smart, humble people who love to solve problems, build systems, and test theories. Will their next great idea come from you? Learn more at ***janestreet.com***

m3challenge.siam.org

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