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 prizes of $1,500 each.

- **AURORA, Illinois**
  - ILLINOIS MATH & SCIENCE ACADEMY
- **WILMETTE, Illinois**
  - LOYOLA ACADEMY
  - LOYOLA ACADEMY
- **WILMINGTON, Delaware**
  - CHARTER SCHOOL OF WILMINGTON
- **RIDGEFIELD, Connecticut**
  - LONGMONT, Colorado
  - SILVER CREEK HIGH SCHOOL
- **FULLERTON, California**
  - SILVER CREEK HIGH SCHOOL
- **ALBANY, California**
  - ALBANY HIGH SCHOOL
  - FULLERTON, California
  - TROY HIGH SCHOOL

Honorable Mentions

Teams representing the following schools are recognized for Honorable Mention distinction. Prizes of $1,000 will be awarded to each of these 22 teams for noteworthy submissions.

- **ALBANY HIGH SCHOOL**
  - ALBANY, California
- **TROY HIGH SCHOOL**
  - FULLERTON, California
- **SILVER CREEK HIGH SCHOOL**
  - LONGMONT, Colorado
  - RIDGEFIELD HIGH SCHOOL
- **RIDGEFIELD, Connecticut**
  - CHARTER SCHOOL OF WILMINGTON
  - WILMINGTON, Delaware
- **LOYOLA ACADEMY**
  - WILMETTE, Illinois
- **LOYOLA ACADEMY**
- **ILLINOIS MATH & SCIENCE ACADEMY**
  - AURORA, Illinois

M3 Technical Computing Scholarship Awards

M3 Technical Computing Scholarship Award honors teams for outstanding use of programming to analyze, design and conceive a solution for the problem. Teams must use any programming platform other than MS Excel to be eligible for the award. This award may be overlaid and added onto M3 finalist, semi-finalist or honorable mention distinction and prizes.

To be announced during award ceremony.

M3 Challenge Finalists (3).................................$5,000 each
M3 Challenge Semi-Finalists (6)..........................$1,500 each
M3 Challenge Honorable Mentions (22) ...............$1,000 each
M3 Technical Computing Awards (3)....................$3,000, $2,000, $1,000
Finalist Coaches (6)...........................................$500 each

Winners

The top six awards, ranging from $5,000 to $20,000, will be awarded after the final round of judging on April 30 to teams representing the following high schools.

- **Adlai E Stevenson High School**
  - Team #10265, Lincolnshire, Illinois
  - Coach: Paul Kim
  - Students: Albert Cao, Andrew Hwang, Deepak Moparthi, Joshua Yoon, Haoyang Yu

- **High Technology High School**
  - Team #10677, Lincroft, New Jersey
  - Coach: Raymond Eng
  - Students: Yihan Wu, Eric Chai, Steven Liu, Kyle Lui, Adithya Paramasivam

- **Los Altos High School**
  - Team #10387, Los Altos, California
  - Coach: Carol Evans
  - Students: Ryan Huang, Michael Vronsky, Daniel Wang, Justin Yu, Joanne Yuan

Prizes: $100,000

- M3 Challenge Champion.....................................$20,000
- M3 Challenge First Runner Up ..............................$15,000
- M3 Challenge Third Place .....................................$10,000
- M3 Challenge Finalists (3).................................$5,000 each
- M3 Challenge Semi-Finalists (6)..........................$1,500 each
- M3 Challenge Honorable Mentions (22) ...............$1,000 each
- M3 Technical Computing Awards (3)....................$3,000, $2,000, $1,000
- Finalist Coaches (6)...........................................$500 each

Of the 913 papers submitted to this year’s MathWorks Math Modeling Challenge, 185 (20%) advanced to the second round of judging, where 37 awards are available for recognition (4%).
ABOUT THE CHALLENGE
MathWorks Math Modeling (M3) Challenge (m3challenge.siam.org) is the prestigious Internet-based competition known for providing a pinnacle high school experience to inspire pursuit of 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 all U.S. students, and will award top teams this year with $100,000 in scholarships toward their higher education. M3 Challenge has awarded more than one million dollars in scholarships to date.

Each school may enter up to two teams of three to five juniors and/or senior students, who 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 login. Following a rigorous two-stage judging process, the six finalist teams present live to a final judge panel to determine final rank order.

ABOUT THE SPONSOR
MathWorks is the leading developer of mathematical computing software. MATLAB, the language of technical computing, is a programming environment for algorithm development, data analysis, visualization, and numeric computation. Simulink is a graphical environment for simulation and Model-Based Design for multidomain dynamic and embedded systems. Founded in 1984, MathWorks employs more than 3500 people in 15 countries, with headquarters in Natick, Massachusetts, USA. For additional information, visit mathworks.com.

ABOUT THE ORGANIZER
The 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 85 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 chapters, sections and activity groups. Learn more at siam.org.

ABOUT THE HOST
Jane Street is a quantitative trading firm that uses innovative technology, a scientific approach, and a deep understanding of markets to guide our business. Jane Street is a global liquidity provider and market maker, operating around the clock and around the globe, out of offices in New York, London, Hong Kong, and Amsterdam. Learn more at https://www.janestreet.com.

AWARDS AND RECOGNITION
ASAE Associations Advance America (AAA) Award of Excellence
Committee Encouraging Corporate Philanthropy (CECP), Excellence Award
The National Association of Secondary School Principals has placed this program on the NASSP National Advisory List of Student Contests and Activities since 2010.

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