

THE 2026 ANNUAL MEETING
of the
MAA MICHIGAN SECTION



Saginaw Valley State University
MARCH 27-28, 2026

MAA Michigan
Fri, Mar 27, 2026



FACULTY PRESENTATIONS

All events will take place in CURTIS HALL

4:00
5:00 pm



Registration and Coffee/Tea

Second Floor Lobby

4:30
5:00 pm



"MV-Algebras: A Ring Theoretic Approach"

Olivier Heubo-Kwegna, Saginaw Valley State University

Invited Speaker

Seminar Rooms D-E-F

5:00
5:30 pm



"When Shortcuts Become Short-Circuits: Navigating AI in the Math Class"

Steven Tuckey, Jackson College

Invited Speaker

Seminar Rooms D-E-F

5:30
6:00 pm



Registration and Social Hour

Banquet Room A

6:00
7:00 pm



Banquet and Awards Dinner

Banquet Room B

7:00
8:00 pm



"Every Game I'm Shufflin', Shufflin' "

Steven Butler, Iowa State University

Polya Award Winner Speaker

Banquet Room B

MAA Michigan
Sat, Mar 28, 2026



FACULTY PRESENTATIONS

All events will take place in CURTIS HALL

8:00
9:00 am



Registration and Breakfast

Second Floor Lobby

8:20
8:25 am



Welcome Ceremony

Banquet Room A

8:30
8:55 am



"Characters of the Nullcone Related to Vinberg Groups"

Joe Fox, Aquinas College

Seminar Room D

"Generalized Kempner Series and the Harmonic Series"

Stephanie Edwards, Hope College

Seminar Room E



FACULTY PRESENTATIONS

All events will take place in CURTIS HALL

9:00
9:25 am

"Computations of Grid Homology"

Christopher St Clair, SVSU
Seminar Room D

"Ethical Reasoning in Differential Equations Modeling Problems"

Feryal Alayont, GVSU
Seminar Room E

9:30
9:55 am

"Preconditioning for Fully-Implicit Runge-Kutta Methods "

Kohl James, Saginaw Valley State University
Seminar Room D

10:05
10:40 am

"Creating accessible mathematical documents"

David Austin, Grand Valley State University
Invited Speaker
Banquet Room A

10:45
11:20 am

"So, I tried a new thing in class... "

Grace McClurkin, Saginaw Valley State University
Invited Speaker
Banquet Room A

11:30
12:00 pm

Section Business Meeting
Seminar Room D

12:00
1:00 pm

Lunch
Banquet Room C

1:00
1:55 pm

"Data Science for and by Pure Mathematicians"

Cynthia Wyels, California State University Channel Islands
MAA Secretary and Section Visitor
Banquet Room A

2:15
2:40 pm

"Teaching Matrix Algebra with Computational Applications"

Hitesh Gakhar, Michigan State University
Seminar Room D

2:45
3:10 pm

"Intentional Technology Integration in Matrix Algebra "

Michail Paparizos, Michigan State University
Seminar Room D

3:15
3:45 pm

Coffee Break
Second Floor Lobby

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FACULTY PRESENTATIONS

All events will take place in CURTIS HALL

3:50
4:15 pm



"Dual Frame Completion "

Yeonhyang Kim, Central Michigan University

Seminar Room D

4:20
4:45 pm



"Deep Learning techniques for image denoising with various noise types "

Arundhati Bagchi Misra, US Coast Guard Academy

Seminar Room D

4:50
5:00 pm



Closing Ceremony

Banquet Room A

STUDENTS ACTIVITIES AND PRESENTATIONS

MAA Michigan
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INTEGRATION BEE

CURTIS HALL 100

2:00
4:30 pm



Register on the Website

GOOD LUCK!

MAA Michigan
Sat, Mar 28, 2026



STUDENT PRESENTATIONS

All talks take place in Seminar Room F

8:30
8:43 am



"Composition Properties of Polycubes"

William Adkins, Emily Arndt, Cameron Curtis and Alex Paoletti, *GVSU*

8:45
8:58 am



"Classification of the Seven-Dimensional solvable Lie algebras with $A_{4,1} \oplus \mathbb{R}$."

William Adkins, Graham Boonstra and Ava Thomson, *GVSU*

9:00
9:13 am



"On Algebraic Reflexivity of Matrix Subspaces"

Isaac Reinhardt, *SVSU*

9:15
9:28 am



"No Odd Perfect Squares Are Perfect Numbers"

Simran Adnani, The Roeper School

9:30
9:43 am



"Division Patterns of One-Sided Polyominoes"

Zach Hirsch, Andrew Kurmas, Isaac Root and Karam Singh, *GVSU*

9:45
9:58 am



"Hypercups: What if cups had more than three sides?"

Micah Dykhuis and Sydney Lipton, *GVSU*

10:00
10:13 am



"Dynamic Programming in a Classic Game"

Jaben Bakker, Aquinas College

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STUDENT POSTER PRESENTATIONS

Banquet Room B

11:45 am
12:30 pm



"Investigating Students' Attitudes Toward Math in a Developmental Math Course"

Andrew Moore and Connor Goka, *SVSU*