

THE 2025 ANNUAL MEETING
of the
MAA MICHIGAN SECTION



Lake Superior State University
April 5, 2025



8:00 8:30 am	Registration, Continental Breakfast and Coffee/Tea Superior Ballroom
8:35 8:40 am	Welcome Ceremony Superior Ballroom
8:45 9:35 am	<i>"AI is Learning, Are We?"</i> Karen Colbert, Keweenaw Bay Ojibwa Community College, Invited Speaker.
9:40 10:00 am	<i>"A Novel Analytical Approach to the Third Extended Fifth-Order Nonlinear Equation"</i> Nurul Raihen, University of Toledo.
10:00 10:20 am	<i>"Mathematica Modelling of a Whammy-Bar Kalimba"</i> Alan Struthers, Michigan Technological University.
10:20 10:40 am	<i>"On The Loop Cloud of a Finite Group"</i> Clifton Ealy Jr., Western Michigan University.
10:40 10:55 am	<i>"Classification of the Seven-Dimensional Solvable Lie Algebras with $A_{5,4}$ and $A_{5,5}$ Nilradicals"</i> Jordan Edwards, Jarrett Gadziemski, Grant Harrison, Mallory Price, Nicholas Simmons, Grand Valley State University.
10:55 11:10 am	<i>"Classification of the Seven-Dimensional Solvable Lie Algebras with $A_{5,6}$ and $A_{3,1} + \mathbb{R}^2$ Nilradicals"</i> Jordan Edwards, Grand Valley State University.
11:15 12:10 pm	<i>"The "What if?" Habit: How Asking Simple Questions Can Lead to Surprisingly Complex Results"</i> Richard Edwards, Michigan State University.
12:15 1:15 pm	Lunch and Student Posters Session Superior Ballroom



1:15
2:10 pm

"Using Mathematics to Unlock Biological Mysteries"

Candice Price, Smith College, **National Association of Mathematicians.**

2:10
2:45 pm

"Artificial Intelligence in Pursuit of New Mathematics: The Case of Symbolic Regression"

Cameron McLeman, University of Michigan-Flint,
Invited Speaker.

2:50
3:10 pm

"On the Impact of Homework Format in an Elementary Statistics Course"

Lisa Kaylor, Alma College.

3:10
3:30 pm

"Creating Active Teaching Opportunities for Adjuncts"

Grace McClurkin, Saginaw Valley State University.

3:30
3:45 pm

Coffee Break and Cookie bars

Superior Ballroom

3:45
4:05 pm

"Topologically Inspired Data Visualization"

Joshua Mike, Saginaw Valley State University.

4:05
4:25 pm

"Enhancing Business Calculus Students' Learning with Interactive Applets"

Mustafa Demir, University of Detroit Mercy.

4:30
5:05 pm

"Boosting Student Engagement in Entry Level Math Classes"

Jennifer Gorman & Bridgette Russell, Lake Superior State University,
Invited Speaker.

5:10
5:15 pm

Closing Ceremony

Ontario Room