# 103rd Meeting of the Southeastern Section of the Mathematical Association of America, University of Tennessee at Knoxville
# March 14-16, 2024

## Program at a Glance

### Thursday, March 14th

- 9:00am-5:00pm: Parking Pass Pick-up, Ayres Hall 227
- 2:30-4:30: Project NExT-SE Activities, Ayres Hall 123
- Student Activity: Mathematical Treasure Hunt
  - 7:00-7:30: Check-in, Ayres Hall 120
- 6:30-9:30: MAA-SE Executive Committee Meeting, Ayres Hall 405

### Friday, March 15th

Registration: 7:30-4:30, Haslam Business Building Atrium

Parking Pass Pick-up: 9:00-5:00, Ayres Hall 227

Exhibits: 9:30-4:30

Morning Session: 8:00-11:45

- 8:00-11:30: Project NExT-SE Activities, Haslam Business Building 301
- Student Activities:
  - 8:00-11:45: Math Jeopardy! Haslam Business Building 304, 305, 324
  - 9:00-11:00, Distinguished Lectures for Students, Alumni Memorial Building 32
    - 9:00-10:00: *Torsion Points of Elliptic Curves.* Abbey Bourdon (Wake Forest University)
    - 10:00-11:00: *Beyond 1, 2, 3, …: Counting the Familiar, the Less Familiar, the Strange, and the Impossible.* Blayne Caroll (Lee University), MAA-SE Section Lecturer
- Workshops
  - 9:00-11:00: *Bringing Mathematical Ideas to Life via Animation.* Tien Chih (Oxford College of Emory University), Steven Clontz (University of South Alabama). Haslam Business Building 203
  - 10:00-11:00: *Teaching with Overleaf.* Lee Spence (Overleaf). Haslam Business Building 202
- Exhibitor Presentations, Haslam Business Building 201
  - 9:00-9:45: *Introducing the Future of Homework: Unveiling WebAssign's Enhanced Platform for Students and Instructors*. Gary Whalen, Sr., Product Portfolio Manager (Cengage)
  - 9:50-10:35: *Engagement & Interactivity in the Classroom.* Apryl Sweat, Cory Shafer (Pearson)

- o 10:40-11:25: *Bridging the Knowledge Gap and Encouraging Equity with Alta's Dynamic Remediation.* Whitney Porter, Digital Learning Specialist (Wiley)

## Lunch: 11:45-12:30
- Pizza available from Super Mario's Pizza, Haslam Business Building Atrium (free for students, $10 tickets for others available at Registration)
- 11:45-12:30: Opportunity Fair (graduate schools, employers, summer research programs, etc.), Haslam Business Building Atrium
- 11:45-12:30: Info Session: Being an MAA Section Officer, Haslam Business Building 201

## General Session I: 12:45-1:45, Alumni Memorial Building, Floor 2, Cox Auditorium
- *Connecting Traditional Math to a Modern Application: Discrete Probability and Fraud Detection.* Richard Cleary (Babson College), Editor, *Scatterplot*

## Afternoon Session: 2:00-4:00
- 2:00-4:00: Concurrent Special and Contributed Paper Sessions
  - o Active Learning in Undergraduate Mathematics I, Haslam Business Building 102
  - o Active Learning in Undergraduate Mathematics II (starts at 2:40pm), Haslam Business Building 103
  - o Beyond Mathematics: Interdisciplinary Collaborations I, Alumni Memorial Building 32
  - o Beyond Mathematics: Interdisciplinary Collaborations II, Alumni Memorial Building 210
  - o Mathematics and the Visual and Performing Arts I, Alumni Memorial Building 27
  - o Recreational Mathematics I (starts at 2:20pm), Haslam Business Building 104
  - o Theory of Integer Sequences I, Haslam Business Building 203
  - o Contributed Paper Session I, Haslam Business Building 201
  - o Contributed Paper Session II, Haslam Business Building 202
  - o Contributed Paper Session III, Haslam Business Building 304
  - o Contributed Paper Session IV, Haslam Business Building 305
  - o Undergraduate Paper Session I, Haslam Business Building 302
  - o Undergraduate Paper Session II, Haslam Business Building 303

## General Session II: 4:15-6:00, Alumni Memorial Building, Floor 2, Cox Auditorium
- *Fostering a Pedagogy of Belonging to Promote Learning in Diverse Student Populations*. Duha Hamed (Winthrop University), 2023 Distinguished Beginning Teaching Award Winner
- *Share a Seat. Share a Cup.* Jeneva Clark (University of Tennessee, Knoxville), 2023 Distinguished Teaching Award Winner
- Special event: Honoring MAA member Mr. Bill Brodie

## MAA-SE Business Meeting: 6:00-6:30, Alumni Memorial Building, Floor 2, Cox Auditorium

## Evening Activities:
- Food Truck from Gohan Japanese Grill available after General Session II, outside Alumni Memorial Building
- Mathematical Karaoke, 7:00pm-???, Alumni Memorial Building 32 (ground floor, near food truck)

## Saturday, March 16th

Hot Air Balloon Demonstration, "Pi in the Sky": 7:15-8:15, Research Park at Cherokee Farm (see program for more instructions)

Registration, Refreshments, Exhibits: 7:30-11:30, Haslam Business Building Atrium

General Session III: 8:45-9:45, Alumni Memorial Building, Floor 2, Cox Auditorium

- *A Glimpse at the Horizon*. Deanna Haunsperger (Carleton College), MAA Polya Speaker

Morning Session: 10:00-12:00

- 10:45-12:00: Undergraduate Poster Session, Haslam Business Building Atrium
- 10:00-12:00: Concurrent Special and Contributed Paper Sessions
    - Active Learning in Undergraduate Mathematics III, Haslam Business Building 102
    - Active Learning in Undergraduate Mathematics IV, Haslam Business Building 103
    - Beyond Mathematics: Interdisciplinary Collaborations III, Alumni Memorial Building 27
    - Beyond Mathematics: Interdisciplinary Collaborations IV, Alumni Memorial Building 210
    - Mathematics and the Visual and Performing Arts II, Alumni Memorial Building 32
    - Recreational Mathematics II, Haslam Business Building 104
    - Theory of Integer Sequences II, Haslam Business Building 203
    - Contributed Paper Session V, Haslam Business Building 201
    - Contributed Paper Session VI, Haslam Business Building 202
    - Contributed Paper Session VII, Haslam Business Building 304
    - Contributed Paper Session VIII, Haslam Business Building 305
    - Undergraduate Paper Session III, Haslam Business Building 302

General Session IV: 12:15-1:15pm, Alumni Memorial Building, Floor 2, Cox Auditorium

- Announcements and Prizes
- Math Jeopardy! Final Round