

Schedule for Fall 2024 MAA MD-DC-VA Section Meeting

If you are staying at Springhill Suites adjacent to the ODU campus, you may park at the hotel. Otherwise, parking for the conference will be at the 49th Street Stadium Garage, 2nd and 3rd Floors. Please place an 8.5 x 11 printed copy of the parking dash pass (available on the conference website) on your dashboard. Additional passes may be obtained from the parking attendant or at the registration table. Parking in non-designated spaces, or without the Dash Pass, may result in a citation. The Friday reception and banquet are in Webb University Center, Center and North Cafeterias. The Friday Workshop and all Saturday events are in Constant Hall.

Friday, November 1

Event (Who)	Time	Location
Workshop	4:00-6:00	Constant Hall 1002
<i>Strategies for Making Mathematics Engaging and Relevant</i> Aaron Trocki (on behalf of MAA MD-DC-VA COMMIT) Elon University		
Registration	6:00-7:00	North and Center Cafeteria at Webb University Center
Reception	6:00-7:00	North and Center Cafeteria at Webb University Center
Welcome (Brian Payne, Interim Provost & Executive Vice President for Academic Affairs)	7:00	North and Center Cafeteria at Webb University Center
Banquet	7:00-8:00	North and Center Cafeteria at Webb University Center
Banquet Talk	8:00-9:00	North and Center Cafeteria at Webb University Center
<i>The Hypercube Pop-Up Book</i> Richard Hammack Virginia Commonwealth University		

Saturday, November 2

Registration	8:30-12:00	Constant Hall Lobby
Breakfast	8:30-10:00	Constant Hall Lobby
Coffee/Tea/Water	8:30-12:00	Constant Hall Lobby
MAA Book Sale	8:30-1:00	Constant Hall Lobby
Contributed Paper Session 1	8:50-9:10	
<i>Experiential Learning and 3-D PRINTING</i> Pallavi Bhale Montgomery College	8:50-9:10	Constant Hall 1009
<i>Active Learning using Geometry In and Out of the Classroom</i> Beth Claire Branman University of Virginia	8:50-9:10	Constant Hall 1037
<i>Data-driven reduced order modeling</i> Xuping Xie Old Dominion University	8:50-9:10	Constant Hall 1042
<i>Lord Rayleigh: A Quintessential Classical Applied Mathematician and Mathematical Physicist</i> John Adam Old Dominion University	8:50-9:10	Constant Hall 1052
Contributed Paper Session 2	9:15-9:35	
<i>Providing Visual Feedback for Integration Problems Using GeoGebra</i> Przemyslaw Bogacki Old Dominion University	9:15-9:35	Constant Hall 1009
<i>A Year at the Air Force Academy</i> Jason Rosenhouse James Madison University	9:15-9:35	Constant Hall 1037
<i>An introduction of inverse problems and Dirichlet to Neumann Map</i> Md Ibrahim Kholil Norfolk State University	9:15-9:35	Constant Hall 1042
<i>csrnaseq: Identifying relevant covariates in RNA-seq analysis by pseudo-variable augmentation</i> Yet Nguyen Old Dominion University	9:15-9:35	Constant Hall 1052

Welcome (Gail Dodge, Dean of the College of Arts and Sciences)	9:45-9:55	Constant Hall 1002
Invited Address	9:55-10:55	Constant Hall 1002
<i>What's Your Story</i> Kira Hamman Urban Rural Action and the MAA		
Contributed Paper Session 3	11:05-11:25	
<i>Teaching Exchange</i>	11:05-11:25	Constant Hall 1009
<i>Introducing Proofs of Theorems in Vector Calculus</i> Cherng-tiao Perng Norfolk State University	11:05-11:25	Constant Hall 1037
<i>Adaptive location and scale estimation with kernel-weighted averages</i> Michael Pokojovy, Old Dominion University; Su Chen, University of Nebraska Medical Center; Andrews T. Anum, The University of Memphis; John Koomson, The University of Texas at El Paso	11:05-11:25	Constant Hall 1042
<i>Pythagorean n-ples</i> Dan Kalman American University (Ret)	11:05-11:25	Constant Hall 1052
Contributed Paper Session 4	11:30-11:50	
<i>Teaching Exchange</i>	11:30-11:50	Constant Hall 1009
<i>Roots of Unity as a topic for student mathematical maturity</i> Bob Sachs George Mason University	11:30-11:50	Constant Hall 1037
<i>An ensemble ordinal outcome classifier for high-dimensional data</i> Heranga Rathnasekara Old Dominion University	11:30-11:50	Constant Hall 1042
<i>A mathematical model of non-Newtonian power-law fluid flow-induced deformation in porous biological tissues</i> Asif Mahmood University of Virginia	11:30-11:50	Constant Hall 1052

Lunch	12:00-1:00	Constant Hall Lobby
Meeting of the General Membership	1:30-2:15	Constant Hall 1002
Invited Address	2:20-3:20	Constant Hall 1002
<p><i>An American Treasure: Mathematician, Evelyn Boyd Granville, 1924-2023</i> Bonita Saunders National Institute of Standards and Technology</p>		
Refreshments	3:20-3:30	Constant Hall Lobby
Contributed Paper Session 5	3:30-3:50	
<p><i>Serving those truly needing ONLY an introduction to statistics</i> Allen G. Harbaugh Longwood University</p>	3:30-3:50	Constant Hall 1009
<p><i>Using standards-based grading in all classes</i> Brian Heinold Mount St. Mary's University</p>	3:30-3:50	Constant Hall 1037
<p><i>Predicting the 2024 Presidential Election using Data Science</i> Jonathan McCurdy, Nadun Kulasekera Mudiyansele Mount St. Mary's University</p>	3:30-3:50	Constant Hall 1042
<p><i>Eigenmetric Curves: Measuring Perimeter and Area Simultaneously</i> Alex Meadows St. Mary's College of Maryland</p>	3:30-3:50	Constant Hall 1052
Contributed Paper Session 6	3:55-4:15	
<p><i>Euler's Partition Theorem</i> Ray Cheng Old Dominion University</p>	3:55-4:15	Constant Hall 1009
<p><i>Fully-discrete Lyapunov consistent discretizations for parabolic reaction-diffusion equations with r species</i> Mohammed Sayyari Old Dominion University</p>	3:55-4:15	Constant Hall 1042