Mathematical Association of America
MD-DC-VA Section, November 5-6, 2021
Salisbury University, Salisbury, MD
Schedule of Speakers

Friday, November 5.

Time	Location	Event
2:30 – 3:50	Conway Hall 184	**Section Officers Meeting**
4:00 – 6:00	Conway Hall 156	**Workshop:** *Creatively using our campuses: using everyday places and spaces to inspire mathematical problem formulation* **MD-DC-VA COMMIT Workshop** **The facilitator is Dr. Jessica Kelly** Department of Mathematics, Christopher Newport University.
6:00 – 7:00	Worcester Room, Commons Dining Hall	**Registration**
6:00 – 7:00	Worcester Room, Commons Dining Hall	**Reception**
7:00 – 8:00	Worcester Room, Commons Dining Hall	**Welcoming Remarks** **Dr. Michael Scott** Dean, Henson School of Science Salisbury University **Banquet Dinner**
8:00 – 9:00	Worcester Room, Commons Dining Hall	**Banquet Address:** *Minute Math* **Dan Kalman** American University

Saturday, November 6.

NExT: Jathan Austin will be in contact with you.

Time	Location	Event
8:00 – noon	Perdue Hall Atrium	**Registration**
8:00 – 9:00	Perdue Hall Atrium	**Coffee / Tea / Water**
8:00 – 3:30	Perdue Hall Atrium	**MAA Book Sale**
8:45 – 9:05		**Contributed Papers, Session 1**
	Perdue Hall 249	Dan Kalman, American University *Dunham's Morley Challenge*
	Perdue Hall 251	Jeff Suzuki, Brooklyn College *How I Learned to Stop Worrying and Love Online Examinations*
	Perdue Hall 258	Samuel Ferguson, Metron, Inc. *The IRS forgets continuity...so what's a math student to do?*
	Perdue Hall 263	Christopher Marron, UMBC Computer Science and Electrical Engineering *Is All Math Cyber Math?*
9:10 – 9:30		**Contributed Papers, Session 2**

	Perdue Hall 249	Ming Fang, Norfolk State University *Renormalization of a Biochemistry System*
	Perdue Hall 251	Jason Rosenhouse, James Madison University *Lewis Carroll's Barbershop Puzzle*
	Perdue Hall 258	Allen G. Harbaugh, Longwood University *Guiding Aspiring Undergraduate Researchers to Engaging Projects*
	Perdue Hall 263	Christopher Marron, UMBC Computer Science and Electrical Engineering *The Surprising Benefits of Collaborative Oral Exams*
9:45 – 10:50	Perdue Hall 156	**Welcoming Remarks** **Dr. Karen Olmstead** Provost and Vice President of Academic Affairs Salisbury University **Invited Address:** *Optimizing Uncertainty of Information in Decision Making via the LRM Method* **Dawn Lott** Delaware State University
11:00–12:00	Perdue Hall 156	**Meeting of the General Membership**
12:15 – 1:00	Perdue Hall Atrium	**LUNCH**
1:10 – 1:30		**Contributed Papers, Session 3**

	Perdue Hall 249	Hongwei Chen, Christopher Newport University *Some Ramanujan-like Series Associated with Powers of Central Binomial Coefficients*
	Perdue Hall 251	Mozhdeh Forghaniarani, James Madison University *Bayesian Approach to the Mixture of Gaussian Random Fields and its Application to fMRI data*
	Perdue Hall 258	Emad Abdurasul, JMU *Exact Bias and Variance of the Product Limit Estimator using Saddlepoint Approximation under the Proportional Hazards Model*
	Perdue Hall 263	Donna Dietz, American University *Simpson's meta-Paradox*
1:35 – 1:55		**Contributed Papers, Session 4**
	Perdue Hall 249	Student: Eric Botti, Washington College *Piecewise Linear Approximations of Lyapunov Fractals*
	Perdue Hall 251	Kubilay Dagtoros, Norfolk State University *Intermittent search strategies: exploring vs. exploiting*
	Perdue Hall 258	Maggie Rahmoeller, Roanoke College *Bringing Calculus & Statistics into Lie Algebra Representation Theory*
	Perdue Hall 263	Nicholas Owad, Hood College *Tunnel number of all 12 and 13 alternating crossing knots*

2:00 – 3:00	Perdue Hall Atrium	**Coffee / Tea / Water**
2:00 – 2:20		**Contributed Papers, Session 5**
	Perdue Hall 249	Student: Gabriel John Wallace Johnson, Max Tucker, Chloe Sass, Washington College *Unimodality of q-twotorials via alternating gamma vectors*
	Perdue Hall 251	Anne Fernando, Evelyn Thomas, Norfolk State University *Modeling the Dynamics of COVID-19*
	Perdue Hall 258	Sara Malec, Hood College *Encouraging Mathematical Reading with Perusall*
	Perdue Hall 263	Jenn Bergner, Salisbury University *TBD: Adventures in Pre-service Teacher Education During a Pandemic*
2:25 – 2:45		**Contributed Papers, Session 6**
	Perdue Hall 249	David Carothers, James Madison University *Littlewood, Periodic Functions, and the Evolution of Undergraduate Research*
	Perdue Hall 251	Jennifer Szczesniak, Hagerstown Community College *Trying to Stay Ahead of the Apps*
	Perdue Hall 258	Jill Tysse, Hood College *Adventures in Statistical Consulting*

	Perdue Hall 263	Mehmet Dagli, Amasya University, Turkey *Nonlinear Loop Transversal Codes*
3:00 – 4:00	Perdue Hall 156	**Invited Address:** *Linear Algebra and its Amazing Applications* **Minah Oh** James Madison University