Schedule for Fall 2022 MAA MD-DC-VA Section Meeting

On Friday, the banquet will be in the Brandt Student Center's Ferari Room (building 7 on the map), The workshop is in Hester Auditorium in Henkel Hall (building 33). The meeting room for the committee on will be Gregory 105 (building 22), and Section NExT meets in Gregory 104 (building 22) on Friday.

On Saturday, registration is in the rotunda area of Health and Life Sciences (building 26). The contributed talks are in Henkel (building 33), and the invited talks are in Armstrong Concert Hall (building 5).

Friday, November 4

Officers Meeting	2:30-3:50	Gregory 105
Section NExT	3:00-4:00	Gregory 104
Workshop	4:00-6:00	Henkel, Hester Auditorium
Intentionally using student thinking to connect teaching and learning George Kuster (on behalf of MD-DC-VA COMMIT) Christopher Newport University		
Registration	6:00-7:00	Brandt Student Center
Reception	6:00-7:00	Brandt Student Center
Welcome (Ralph Wojtowicz, Director of the Division of Applied Technology)	7:00	Brandt Student Center
Banquet	7:00-8:00	Brandt Student Center
Banquet Talk	8:00-9:00	Brandt Student Center
Mathematics + Magic = Mathemagic Dave Taylor Roanoke College		

Saturday, November 5

Registration	8:30-noon	Health and Life Sciences Rotunda Area
Coffee/Tea/Water	8:30-9:20	
Contributed Paper Session 1	8:50-9:10	
Extension of the Lobachevsky Integral Formula Hongwei Chen Christopher Newport University	8:50-9:10	Henkel 106-22
Dispersal Driven Instabilities and Pattern Formation in Metapopulations Kubilay Dagtoros, Norfolk State University Ozgur Aydogmus	8:50-9:10	Henkel 107-24
Analyzing Aspects of a Tumor Virotherapy Model Ashlee Edwards Old Dominion University	8:50-9:10	Henkel 108-37
Digital Image Processing in College Mathematics Yevgeniy Galperin East Stroudsburg University of PA	8:50-9:10	Henkel 109-28
Contributed Paper Session 2	9:15-9:35	
How to Extract the Cube Root of a Nine-digit Number in Seconds Cherng-tiao Perng Norfolk State University	9:15-9:35	Henkel 106-22
The Use and Abuse of Probability Theory in Evolutionary Biology Jason Rosenhouse James Madison University	9:15-9:35	Henkel 108-37
Nahm-like gradient flows in Lie algebras Andre Mas James Madison University	9:15-9:35	Henkel 109-28
Welcome (Jeff Coker, Dean of the College of Arts and Sciences)	9:45	Armstrong Concert Hall

Invited address	9:45-10:55	Armstrong Concert Hall
Some unusual mathematical images and the math behind them Brian Heinold Mount St. Mary's University		
Contributed Paper Session 3	11:05-11:25	
Hook shape crystals of type A_n Molly Lynch Hollins University	11:05-11:25	Henkel 106-22
Harmonic graph morphisms and the "Moonlight of Mathematics" Caroline G. Melles United States Naval Academy	11:05-11:25	Henkel 107-24
Strategies for roulette, and craps James T Sandefur Georgetown University	11:05-11:25	Henkel 108-37
Contributed Paper Session 4	11:30-11:50	
A Mathematical Model for the Dynamics of Spread of Crime in Virginia Ana Vivas, Anne Fernando Norfolk State University	11:30-11:50	Henkel 106-22
Mathematics of a genetic-ecology model for assessing the impacts of pyrethroid resistance and temperature on population abundance of malaria mosquitoes Jemal Mohammed-Awel Morgan State University	11:30-11:50	Henkel 107-24
A one-sentence proof of the Extreme Value Theorem: what proofs should be in Calculus anyway? Sam Ferguson Metron, Inc. and Georgetown U	11:30-11:50	Henkel 108-37
Lunch	12:00-1:00	
Meeting of the General membership	1:10-1:55	Armstrong Concert Hall
Section NExT	1:10-1:55	Henkel 106-22

Invited address	2:05-3:05	Armstrong Concert Hall
A fun exercise in probability Ray Cheng Old Dominion University		
Coffee/Tea/water	3:00-4:00	
Contributed Paper Session 5	3:15-3:35	
Roots of unity – an empowering theme in a transition to higher math course Bob Sachs George Mason University	3:15-3:35	Henkel 106-22
Rethinking Developmental Mathematics Spencer Hamblen McDaniel College	3:15-3:35	Henkel 107-24
Replacing the Mean for the Median: Boostrapping the "Traditional" 2-Sample t-Test Allen G. Harbaugh-Schattenkirk Longwood University	3:15-3:35	Henkel 108-37