MAA Fall Meeting 2001

MD-DC-VA Section
October 19,20
Program Details

Friday, October 19

Time	Location	Event
6:00 - 7:00 PM	Four Points by Sheraton Basic Map	**Reception and Registration**
7:00 - 9:00 PM	Four Points by Sheraton Basic Map	**Dinner and invited address 1:** Bonita Saunders, NIST, *Effective 3D Visualizations for the NIST Digital Library of Mathematical Functions Project*
9:15 PM	Math Emporium	**Emporium Tour -** Given by John Rossi, Virginia Tech Mathematics Department Head

Saturday, October 20

Time	Location	Event
8:15 -10:00 AM	McB 216	**Registration and Refreshments**
8:30 AM - 2:00 PM	McB 209	**Book Displays and Sale**
8:25 - 8:40 AM	McB 113	*Welcoming Remarks*, John Rossi, Virginia Tech Mathematics Department Head
8:50 - 9:50 AM	McB 113	**Invited address 2:** Larry Washington, University of Maryland, *Diophantus and Fermat*
10:00 AM - 12:00 PM		**Graduate Student Papers**
10:00 - 10:30 AM	Anna's Talk Cancelled	Anna Duzs-Moore, Morgan State University, *The Fractal Geometry of Nature*
	McB 212	Wayne M. Eby, University of Maryland, *Laguerre Calculus on the Heisenberg Group as Applied to the Pompeiu and Morera Problems with Moments*

10:30 - 11:00 AM	McB 210	William Ott, University of Maryland, *The Dimension of the Human Genome*
	McB 212	Bernard Fulgham, University of Virginia, *The Center For Nondegenerate Quadratic Jordan Algebras*
11:00 - 11:30 AM	McB 210	Christopher Hammond, University of Virginia, *Compactness of the Inclusion Map between Bergman Spaces*
	McB 212	Chris Massey, Virginia Tech, *Using Flexible Galerkin Methods to Investigate Error Behavior in Discontinuous Galerkin Methods*
11:30 AM - 12:00 PM	McB 210	David Ferguson, Virginia Tech, *Group Product Cellular Automata*
	McB 212	Jim Bowling, University of Virginia, *The Ring of Fractions of a Quadratic Jordan Algebra*
10:00 - 10:30 AM		**Contributed papers 1**
	McB 202	Ray Fletcher, Virginia State, *A Structure Theory for Central Digraphs with Nontrivial Homomorphic Image*
	McB 204	Roland Minton, Roanoke College, *Reviews of Calculus Reform*
	McB 218	Craig Bailey, U.S. Naval Academy, *Latitude and Longitude on an Ellipsoidal Earth*
10:40 - 11:10 AM		**Contributed papers 2**
	McB 204	Judy Kidd and Jeanne Fitzgerald, James Madison University, *What happens when teachers create activities to improve geometrical visualization skills of middle school students?*
	McB 202	George DeRise, Thomas Nelson Community College, *FIBER BUNDLES; the MATH, the PHYSICS*
	McB 218	Ilhan M. Izmirli, Strayer University, *Invariance Vectors in Music*
	McB 224	Lincoln E. Bragg, *Seven and Seventeen Sided Polygons*
11:20 - 11:50 AM		**Contributed papers 3**
	McB 218	William N. Traves, U.S. Naval Academy, *The Elliptic Curve Attack on RSA Encryption*
	McB 202	Fat C. Lam, Gallaudet, *A Theorem on Slopes and an Application*

	McB 204	Caren L. Diefenderfer, Hollins University, *Quantitative Literacy: National and Local Perspectives*
	McB 224	Alexander White, American University, *Visual Comprehension Skills of Incoming Calculus and Applied Calculus Students*
11:50 AM - 1:00 PM	McB 455	**Lunch**
1:00 - 1:30 PM	McB 113	**Business Meeting & Awards**
1:40 - 2:40 PM	McB 113	**Invited address 3:** Dan Kalman, American University *Polynomial Equations and Circulant Matrices*
2:50 - 3:20 PM		**Contributed papers 4**
	McB 212	William P. Wardlaw, U.S. Naval Academy, *Factoring Polynomials with Matrices*
	McB 202	John H. Drew, College of William & Mary, *The Completely Positive and Doubly Nonnegative Completion Problems*
	McB 204	Kevin Peterson, Lynchburg College, *Teaching Calculus Using Geometer's Sketchpad*
	McB 210	David Stanford, College of William and Mary, *Matrix Patterns and Line Sums*