MAA MD-DC-VA Section
Conference Program
Spring 2004 Meeting, April 23 and 24
Salisbury University, Maryland

Friday April 23, 2004
Workshop: 4:00-6:00pm, Mary Kay Abbey and Bette Daudu of Montgomery College, "Writing to Learn Mathematics - No Grading Required", Computer Lab, Henson 150

Registration and Cocktails: 5:30 – 7:00 PM, Frederick Room, University Commons

Banquet: 7:00 PM – 8:00 PM , Worcester Room, University Commons

Invited Talk: 8 PM – 9 PM, Paul K. Stockmeyer, College of William and Mary, "Pascal's Rhombus and the Stealth Fractal", Worcester Room

Socials for Students: 9 PM- , Frederick Room

Saturday April 24, 2004

Time	Location	Event
6:30am-7:30am	Maggs Physical Activity Center (GYM)	5k run/walk
8:00 – noon	Henson Lobby	Registration and Refreshments
8:30 AM – 2:00 PM	Henson Lobby	Book Displays and Sale
8:30 AM –10:05 AM	Henson 115	**MCM /ICM Presentation**
8:30 – 8:50 AM		**Contributed papers 1**
	Henson 109	*Jan Hilmar, St. Mary's College Rational Points on Elliptic Curves
	Henson 111	*Gwyneth Whieldon, St. Mary's College Recursion Formulas on (q+1) Regular Trees
	Henson 113	Philip E. Luft, Salisbury University Mystery of the Missing Gasoline
	Henson 101	*Ilhan M. Izmirli, American University A Precalculus Approach to Elliptic Curve
	Henson 107	Howard Penn, USNA The Impact of Calculus Reform on Student Performance in Subsequent Courses at USNA
8:55 – 9:15 AM		**Contributed papers 2**
	Henson 109	*Samir Safi, American University Comparisons of Estimators in Linear Regression Models with Auto-Correlated Disturbances: When is OLS Efficient
	Henson 111	Daniel M. Seaton, U. MD, Eastern Shore The Impact of Participation in an Ancillary Science and Mathematics Program (SEMAA) on Engagement Rates of Middle School Students in Regular Mathematics Classrooms
	Henson 113	*Shelly-Ann Harper, Morgan State University Proofs of Various Forms of the Recursion Theorem
	Henson 101	*William Reith, Hampden-Sydney College Creating Knots with Arcs
	Henson 107	*Kristine Roinestead, St. Mary's College The Connectivity of Julia Sets of Cubic Polynomials
9:20 – 9:55 AM	Devilbiss Hall Room 123	**Welcoming Remarks and Meeting of the Membership** Dr. Tom Jones, Dean, Henson School of Science and Dr. Kathleen Shannon, Chair, Department of Mathematics and Computer Science
10:00am-10:50am	Devilbiss Hall Room 123	**Mathematics Preparation for Incoming College Students** Denny Gulick, U. MD, College Park,

		David Carothers, James Madison University Jerry Dancis, U. MD, College Park Gail Kaplan, Key School and Towson University
10:10 –10:40 AM	Henson Lobby	**Poster Session for Undergraduate students**
11:00 - 11:55 AM	Devilbiss Hall Room 123	**Invited Address 1:** James S. Sochacki and G. Edgar Parker, James Madison University Relevance of Classical Analysis in Modern Contexts: Theory and Application of Polynomial Projection
Noon – 12:55 PM	Bistro, University Commons	Lunch
1:05- 1:55 PM	Devilbiss Hall Room 123	**Invited Address 2:** Charles Seife, Journalist Science Magazine Mathematics, the press, and the Art of Storytelling (or, Why Larry King Won't Return Your Phone Calls)
2:00-2:25pm	Devilbiss Hall Room 123	**Prize Distribution:** Teaching award, Edyth May Sliffe Awards for Distinguished Junior High/Middle School Mathematics Teaching, Milken Educator Award
2:35-2:55pm		**Contributed Papers 3**
	Henson 109	Eve Torrence and Adrian Rice, Randolph-Macon College De-Cyphering Lewis Carroll's Obscure Condensation Method for Computing Determinants
	Henson 111	Parviz Khalili, Christopher Newport University Improper Integrals Via Laplace Transform
	Henson 113	*Ryan Higginbottom, University of Virginia Dimension Theory in Group Cohomology
	Henson 101	Hongwei Chen, Christopher Newport University On a Trigonometric Inequality
	Henson 107	*Clint Morse, James Madison University Analysis of Modified Picard Algorithms
3:05-3:25pm		**Contributed Papers 4**
	Henson 109	*Nikeda Hamilton, Morgan State University Fourier Analysis and Convergence of the Fourier Series
	Henson 111	*Jason Richwine, American University Shapley/Owen Analysis of the Electoral College
	Henson 113	Maryam Vulis, Queensborough Community College Geometric Mean and Apportionment
	Henson 101	Jerome Dancis, U. MD, College Park Do the Math: Easy Test for Teachers Will Hurt Students
	Henson 107	William Wardlaw, USNA Cardinality of GL(n, Z_m) and several of its subgroups

* represents student talk