

**MAA MD-DC-VA Section
Fall 2002 Meeting
November 1 and 2
University of Maryland, College Park**

Saturday November 2, 2002 All events are in Mathematics building except plenary talks in Physics Building

Time	Location	Event
8:00 – noon	Rotunda	Registration and Refreshments
8:30 AM – 2:00 PM	Rotunda	Book Displays and Sale
8:30 – 10:30 AM	2300	Graduate Student Papers
8:30 – 8:50 AM		Brooke Evans, American University Successful Techniques for Students with Learning Disabilities
8:55 – 9:15 AM		Mieczyslaw K. Dabkowski, The George Washington University Counterexamples to some elementarily formulated conjectures in Knot Theory
9:20 – 9:40 AM		By Salim Alam ,Montgomery College, Rockville (Undergraduate talk) Series Approximation and Carleman’s Inequality
9:45 – 10:05 AM		Amit Trehan, University of MD, College Park Character Theory of Covering Groups
10:10 – 10:30 AM		William May, The Johns Hopkins University Using Symmetry to Improve Percolation Threshold Bounds
8:30 – 10:30 AM	2400	Graduate Student Papers
8:30 – 8:50 AM		Richard Kollar, University of MD, College Park Slow damping of internal waves in a stably Stratified fluid
8:55 – 9:15 AM		William Ott, University of MD, College Park Dimension Spectra of Attractors and Projection Theory
9:20 – 9:40 AM		Bogdan Gavrea, University of MD, Baltimore County A Hadamard Type Inequality
9:45 – 10:05 AM		Bashir M. Dweik, American University, Mixture of Erlang Distributions and Renewal Processes Based on Them
10:10 – 10:30 AM		Ilhan M Izmirlı, Strayer University Some Problems on Magic Squares, Difference Triangles and Permutations
8:30 – 8:50 AM		Contributed papers1
	1308	Jerome Dancis, University of MD College Park Beware the pretend MD state Algebra test

	3206	Jennifer Bergner, Salisbury University Metaphor and Mathematics
	1313	George DeRise, Thomas Nelson Community College "God's Beautiful Mathematics"
	0105	Geoffrey R. Goodson, Towson University Eigenvalue and Jordan Block Pairings Arising From Real and Skew-Symmetric Normal Matrices
	0106	Paul B. Massell, U.S. Census Bureau Two Algorithms for Solving the Cell Suppression Problem
8:55 – 9:15 AM		Contributed papers 2
	1308	Ronald Minton, Roanoke College The Mathematics of Golf Drives
	3206	Homer Austin and Harel Barzilai, Salisbury University The ADEPT Program at Salisbury University
	1313	G. Edgar Parker, James Madison University Picard Iteration and Polynomial Projection
	0105	Richard Hammack, Randolph-Macon College An informal approach to formal inner products
	0106	Ezra Brown, Virginia Tech The Many Names of $(7, 3, 1)$
9:20 – 9:40 AM		Contributed papers 3
	1308	John Osoinach, Hampden-Sydney College Outwitting the Lying Oracle
	3206	Roman Sznajder, Bowie State University Hyperbolic Geometry Calculator
	1313	David Carothers, James Madison University Projective Polynomial and Analytic Function
	0105	Fozia S. Qazi, St. Mary's College of Maryland Some Thoughts on Teaching a Course on Mathematics of Finance
	0106	John Hanson, James Madison University A Look at Billiards
9:45 – 10:05 AM		Contributed papers 4
	1308	Dan Kalman, American University The Fibonacci Numbers-Exposed
	3206	Susan Schwartz Wildstrom, Walt Whitman High School Reading and Journals and Websites, Oh My!
	1313	James Sochacki, James Madison University Applying the Modified Picard Method in a Symbolic and Numeric Computing Environment
	0105	David Lindsay Roberts, Independent Scholar Simon Newcomb: Adventures of a nineteenth-century American mathematician in mathematics education

	0106	
10:10 – 10:30 AM		Contributed papers 5
	1308	Ashvin Rajan, Loyola College in Md An expository account of Fermat’s Last Theorem for Polynomials, and the abc conjecture
	3206	Eve Torrence and Bruce Torrence, Randolph-Macon College Fietsen, Dijken, en Wiskunde: A Sabbatical in Netherlands
	1313	Paul Warne, James Madison University The Modified Picard-Pade’ Approximation Method for Singular Nonlinear Boundary Value Problems
	0105	
	0106	
9:45 – 10:45 AM	1311	Panel for grad students The panel will consist of people who have recently been on the job market or who have recently hired someone and they will discuss ways to have a successful job search.
10:45 - 10:55 AM	Physics 1412	Welcoming Remarks: Dr. Steve Halperin Dean of the College of Computer, Mathematics and Physical Sciences, University of Maryland at College Park
11:00 - 11:50 AM	Physics 1412	Invited Address 2: Roger Horn, University of Utah Five Fundamental Facts in Matrix Analysis
Noon – 1:00 PM	Rotunda	Lunch
1:05 - 1:55 PM	Physics 1412	Invited Address 3: Edward Scheinerman, The Johns Hopkins University When Close Enough is Close Enough
2:00 - 2:10 PM	Physics 1412	Prize distribution
2:15 – 3:00 PM	Physics 1412	Business Meeting
2:00- 3:00 PM	1311	Project NExT Workshop: Dr. James Stith, American Institute of Physics “Challenging our Assumptions in Teaching.” Open to national and Section NExT fellows.