

**MAA MD-DC-VA Section  
Fall 2008 Meeting, November 7 and 8**

**Hood College  
Frederick, Maryland**

**Friday, November 7**

Registration, reception, banquet, and banquet address will take place in the Whitaker Campus Center (WCC). The Friday workshop will be held in the Hodson Science and Technology Center (HSTC).

*Friday activities for Project NExT will be held in room 316 of the HSTC Building.*

<b>Time</b>	<b>Location</b>	<b>Event</b>
2:30 – 3:45	HSTC 210	<b>Section Officers Meeting</b>
4:00 – 6:00	HSTC 113	<b>Workshop:</b> <i>Abstract Algebra Meets Fractal Geometry</i> Mike Bardzell, Salisbury University
6:00 – 7:00	WCC Atrium	<b>Registration and Reception</b>
7:00 – 8:00	WCC Commons	<b>Welcoming Remarks:</b> Ronald J. Volpe President of Hood College  <b>Banquet Dinner</b>
8:00 – 9:00	WCC Commons	<b>Banquet Address:</b> <i>Tales from the Crypt: Anecdotes from the Annals of Cryptology</i> Robert Lewand, Goucher College

## Saturday, November 8

Registration, refreshments, contributed talks, and the MAA book sale are in the Hodson Science and Technology Center (HSTC). Lunch is in the Whitaker Campus Center (WCC). Invited talks and the meeting of the membership are in the Rosenstock Hall Auditorium.

**Saturday activities for Project NExT will be held in room 316 of the HSTC Building.**

Time	Location	Event
8:00 – noon	HSTC 1 <sup>st</sup> floor atrium	<b>Registration</b>
8:00 – noon	HSTC 2 <sup>nd</sup> floor atrium	<b>Refreshments</b>
8:00 – 3:30	HSTC 2 <sup>nd</sup> floor atrium	<b>MAA Book Sale</b>
8:30 – 8:50	HSTC	<b>Contributed Papers, Session 1</b>
	114	<i>Reconstructing Hyperplane Arrangements</i> William Traves, U.S. Naval Academy
	131	<i>Extremely Villainous Graph Colorings</i> Robert Rubalcaba, Department of Defense
	235	<i>Counting in Messy Polynomial Rings, Part 1</i> William Wardlaw, U.S. Naval Academy (retired)
8:55 – 9:15	HSTC	<b>Contributed Papers, Session 2</b>
	114	<i>Properties of Midcircles</i> Maurice Brown, Virginia State University
	131	<i>Tom Kirkman and his Electric Schoolgirls</i> Ezra Brown, Virginia Tech
	235	<i>Counting in Messy Polynomial Rings, Part 2</i> Jody Lockhart, U.S. Naval Academy
	236	<i>Circle Chains</i> Raymond Fletcher III, Virginia State University
9:30 – 10:35	Rosenstock	<p><b>Welcoming Remarks:</b>  <a href="#">Betty Mayfield</a>            Chair of Department of Mathematics, Hood College</p> <p><b>Invited Address:</b>  <a href="#">Chaos in the Classroom</a>  <a href="#">Bob Devaney, Boston University</a></p>

10:50 – 11:10	HSTC	<b>Contributed Papers, Session 3</b>
	114	<i>A stability study of three numerical schemes for a skew-dominated discretized system</i> McCarthy Anum-Addo & Matthew Darst, George Washington University
	131	<i>What Exactly is Haley's Contribution to Newton's Method?</i> Ilhan Izmirlı, American University
	235	<i>A Mathematical Model of Canary Vocal System</i> Hasan Coskun, Texas A&M University-Commerce
	236	<i>Competition in Two-Dimensional Heterogeneous Environments</i> Aurelia Minut, U.S. Naval Academy
11:15 – 11:35	HSTC	<b>Contributed Papers, Session 4</b>
	113	<i>The Linear Package and its Integration into an Undergraduate Linear Algebra Course</i> Don Spickler, Salisbury University
	114	<i>The Horseshoe Map and Pulses in a PDE</i> Russell Jackson, U.S. Naval Academy
	235	<i>The Soddy Axis</i> Andrea Sims, Virginia State University
	236	<i>Topology of the Universe</i> George DeRise, Thomas Nelson Community College
11:45 – 1	WCC Commons	<b>LUNCH</b>
12:00 – 3:30	HSTC 113	<b>Computer lab open</b>
1:00 – 1:35	Rosenstock	<b>Meeting of the General Membership</b>
1:45 – 2:45	Rosenstock	<b>Invited Address:</b> <i>A Slot Machine, a Test Tube, and the Timing of Evolutionary Changes</i> Raina Robeva, Sweet Briar College

3:00 – 4:00	HSTC 2 <sup>nd</sup> floor atrium	<b>Coffee/Tea/Water</b>
3:00 – 3:20	HSTC	<b>Contributed Papers, Session 5</b>
	114	<i>On the Stability Properties of a Dynamical System Associated with Cardiac Arrhythmias</i> Irina Popovici, U.S. Naval Academy
	131	<i>Putting on the PGA Tour</i> Roland Minton, Roanoke College
	235	<i>Common misconceptions in middle school math textbooks</i> Jerome Dancis, University of Maryland
	236	<i>Incorporating undergraduate research into class projects</i> Carla Martin, James Madison University
3:25 – 3:45	HSTC	<b>Contributed Papers, Session 6</b>
	114	<i>Delaunay tessellation for the elucidation of protein structure-function relationships</i> Majid Masso, George Mason University
	131	<i>A hole through a cube</i> Phillip Poplin, Longwood University
	235	<i>The Mathematics of Free Trade</i> James Case
	236	<i>The Wheel of Time, in sand</i> Roger Thelwell, James Madison University