MAA MD-DC-VA Section
Fall 2007 Meeting, November 9 and 10

Anne Arundel Community College
Arnold, Maryland

Friday, November 9

Registration, banquet, slideshow, and banquet address will take place in the Student Union. The Friday workshop will be held in the Math Building.

Friday activities for Project NExT will be held in room 204 of the Math Building.

Time	Location	Event
2:30 – 3:45	Student Union 204	**Section Officers Meeting**
4:00 – 6:00	Math Building 206	**Workshop:** *Teaching a Galois Theory for Undergraduates* John Swallow, Davidson College
6:00 – 7:00	Student Union 100	**Registration and Reception**
7:00 – 8:15	Student Union 100	**Welcoming Remarks:** Daniel Symancyk, Dean of Arts and Sciences Anne Arundel Community College **Banquet Dinner** **Slide Show (starting 7:45):** *Breathing Euler's Air: The excitement of exploring Leonhard Euler's life and work on the MAA's 2007 Tour Commemorating his 300th birthday* Victor and Phyllis Katz, University of the District of Columbia
8:15 – 9:15	Student Union 100	**Banquet Address:** *Five Pearls of Euler* Edward Sandifer, Western Connecticut State University

Saturday, November 10

Registration, invited addresses, the business meeting, and the MAA book sale are in the Pascal Center for the Performing Arts. Refreshments, lunch, and book/vendor tables are in the Student Union (connected to the Pascal Center). All contributed talks are in the Humanities Building.
Saturday activities for Project NExT will be held in room 123 of the Humanities Building.

Time	Location	Event
8:00 – noon	Pascal Center 100 & hallway	**Registration and MAA Book Sale**
8:00 – 11:00	Student Union 200	**Refreshments and Book/Vendor Tables**
8:30 – 8:50	Humanities	**Contributed Papers, Session 1**
	104	*Multiple Zeta Values: From Euler to the Present* Michael Hoffman, U. S. Naval Academy
	125	*The Naive Chain Rule* Marcus Pendergrass, Hampden-Sydney College
	126	*Checkers is a Tie Game: Anatomy of a Computer Proof* James Case
	129	*Beyond Liberal Arts Math: A Math-Art Seminar for Advanced Majors* Elizabeth Theta Brown, James Madison University
9:00 – 9:20	Humanities	**Contributed Papers, Session 2**
	100	*Euler's History of Harmony as Developed in "Tentamen novae theoriae musicae"* Ilhan Izmirli, American University
	104	*Monstrous Moonshine* George DeRise, Thomas Nelson Community College
	125	*Time scale, a bridge between differential and difference equations* Fei Xue, Lynchburg College
	126	*Bernstein Inequality for subclasses of Polynomials of Degree 2* Andrea Sims, Virginia State University
	129	*Teaching Math and Art: Come share your ideas!* Jan Minton, Roanoke College
9:30 – 9:50	Humanities	**Contributed Papers, Session 3**
	100	*Teaching Tips & Memory Hints* Alexander Bathula, Montgomery College (Rockville)
	104	*More Names of (7,3,1)* Ezra Brown, Virginia Tech
	125	*Rank One Convexity and Quasiconvexity with Linear Constraints* Daniel Vasiliu, Christopher Newport University
	126	*Bernstein Inequality for Self- Reciprocal Polynomials of Degree 2* Mervin Woodlin, Virginia State University
	129	*Building blocks to elementary statistics* Francoise Marchat, James Madison University

10:10 – 10:50	Pascal Center 107	**Meeting of the General Membership**
11:00 – 12:00	Pascal Center 107	**Welcoming Remarks:** Daniel Symancyk, Dean of Arts and Sciences Anne Arundel Community College **Invited Address:** *An Euler Trifecta* William Dunham, Muhlenberg College
12:00 – 1:15	Student Union 100	**LUNCH:** **Student Union Cafeteria**
1:30 – 2:30	Pascal Center 107	**Invited Address:** *Leonard Euler: The Second St. Petersburg Period* Ron Calinger, Catholic University of America
2:30 – 4:00	Student Union 200	**Coffee, Tea, and Water**
2:50 – 3:10	Humanities	**Contributed Papers, Session 4**
	100	*Remediation Up in MD & 2004 MD/DC/VA SECTION Statement* Jerome Dancis, Univ. of Maryland, College Park
	104	*Matrices over Finite Fields* William P. Wardlaw, U. S. Naval Academy
	125	*Arabic Contributions to Cryptography* Marina Vulis, The University of New Haven
	126	*Maxwell's Equations in Liquid Crystals* Aurelia Minut, US Naval Academy
	129	*Euler, Dilog, and the Basel Problem, Part 1* Dan Kalman, American University
3:20 – 3:40	Humanities	**Contributed Papers, Session 5**
	100	*A Knack for NAC? Numeracy Across the Curriculum* Harel Barzilai, Salisbury University
	104	*The Skolem Problem for 2x2 Matrices* Jody Lockhart, U. S. Naval Academy
	125	*How the ancients summed it* Chiru Bhattacharya, Randolph-Macon College
	129	*Euler, Dilog, and the Basel Problem, Part 2* Dan Kalman, American University