

ISMAA Friday April 3 2009 Schedule

8:45-11:45 a.m.	S/C LZT Mtg. Room #6 Student Center Pre-conference workshop: <i>Communicating Mathematics</i> , Ivars Peterson, Mathematical Association of America			
8:45 a.m-4:30 p.m.	Registration	Neumiller Foyer	Bradley Hall	
12:50-2:00 p.m.	Plenary Talk	Neumiller Lecture Hall	Bradley Hall	
	Laura Taalman, James Madison University <i>Sudoku: Questions, Variations, and Research</i>			
2-4:30 p.m.	Exhibits	Bradley 247	Bradley Hall	
2:15-3:15 p.m.	Concurrent Sessions			
Bradley 125	Bradley 126	Bradley 132	Bradley 139	Bradley 120
Vince Matsko <i>Fractals</i> <i>Produced by</i> <i>Affine</i> <i>Transformations</i> Michael Sostarecz <i>GPS Tracking</i> <i>of a Roller</i> <i>Coaster</i>	M. Vali Siadat*, Eugenia Peterson, Cyrill Oseledets, Ming- Jer Wang <i>The Keystone</i> <i>Method of</i> <i>Instruction in</i> <i>Basic</i> <i>Mathematic:</i> <i>Theory,</i> <i>Practice,</i> <i>Results, and</i> <i>Future</i>	Timothy Comar <i>Biocalculus</i> <i>Courses &</i> <i>Computer</i> <i>Laboratory</i> <i>Projects</i> Jeremy Alm <i>On Vague</i> <i>Predication</i>	Tony Bedenikovic <i>A Two-Bedroom</i> <i>Bing-Style House</i> <i>with a Great View</i> David Atkinson <i>Chances of a</i> <i>Cruise Ship</i> <i>Birthday Match</i>	Student Talks Cara Tacoma <i>Measuring Sea Spray</i> <i>over Wind Waves</i> Tyler Hyndman <i>Golf Scheduling</i> <i>Problems</i> Tom Edwards <i>The Schwarzschild</i> <i>Solution of the Field</i> <i>Equations of General</i> <i>Relativity</i>
3:30-4:30 p.m.	Concurrent Sessions		Bradley Hall	
Bradley 125	Bradley 126	Bradley 132	Bradley 139	Bradley 120
Stephen Brown <i>A "Founders of</i> <i>Mathematics"</i> <i>Project which</i> <i>requires more</i> <i>than Cut and</i> <i>Paste</i> Mandi Maxwell <i>Visual</i> <i>Mathematics</i> <i>for the Visually</i> <i>Impaired:</i> <i>Reflections and</i> <i>Strategies</i>	Rohan Attele*, Victor Akatsa, and Dan Hrozencik <i>Linear</i> <i>Algebra Done</i> <i>Right! Back</i> <i>to Grassman</i>	Andrew Greene <i>Noncommutative</i> <i>Holomorphic</i> <i>Functions</i> Lena Folwaczny <i>Finitely Many Proofs</i> <i>of Infinitely Many</i> <i>Primes</i>	Herb Kasube <i>An MAA Study</i> <i>Tour of the</i> <i>Galapagos Islands</i> <i>and Peru</i>	Student Talks Kumud Bhandari <i>Computing the Arrow</i> <i>Polynomial</i> YoungJu Jo <i>Orthogonal Art Gallery</i> <i>with Holes</i> Christos Mitillos <i>Graph Fall-coloring</i> <i>These talks are by</i> <i>candidates for the</i> <i>Outstanding</i> <i>Undergraduate</i> <i>Research Award</i>
4:45 p.m.	Student Math Contest	Bradley Hall 139		
4:45 p.m.	Business Meeting	Student Center		
6 p.m.	Bar opens			
6:15 p.m.	Student Pizza Party	Wright 203	Student Center	
6:30 p.m.	Banquet	Student Center Ballroom		
	Followed by Plenary Talk Ivars Peterson Mathematical Association of America <i>Knotty Tales: From Vortex Atoms to DNA Tangles</i>			

ISMAA Saturday April 4 Schedule

8:30 -11:30 a.m.	Registration	Neumiller Foyer	Bradley Hall
8:30-noon	Exhibits	Bradley 247	Bradley Hall
8:30 a.m. – 9:30 a.m.	Plenary Talk	Neumiller Lecture Hall	Bradley Hall

Gail Burrill, Michigan State University

The Mathematical Education of Teachers: The Role of Mathematics Departments

9:45-10:45 a.m. Concurrent Sessions

Bradley 125	Bradley 126	Bradley 132	Bradley 139	Bradley 120
	N.F. Ellerton * and M.A. Clemens		Biology and Mathematics Session	Student Talks
Ron Thomas Texas Instruments	<i>ISMAA's Challenge to Mathematics Education</i>		Joshua Hallam <i>Evolutionary Predictive Modeling in Ecology</i>	Ming Wei Chang <i>Eigenvalues of Trees</i>
<i>Multiple Representations on the TI-Nspire Graphing Calculator</i>	<i>Establishment in the 1940s</i>		Katie Taylor <i>Mary Had a Little Lamb</i>	John Meuser <i>On Refinable Functions</i>
	M.A. Clemens* and N.F. Ellerton	Todd Oberg <i>What Should a Geometry Course for Pre-Service Teachers Look Like?</i>		Jackie Chalmers <i>Creating Fractals of a Given Dimension</i>
	<i>The American Mathematical Society and an Earlier New Math Movement around 1900</i>			

10:55-11:55 a.m. Concurrent Session

Bradley 125	Bradley 126	Bradley 132	Bradley 139	Bradley 120
Marjorie E Bond	Cindy Traub	Astrida Cirulis	Biology and Mathematics Session	Student Talks
<i>The SATS Project</i>	<i>Gift-wrapping a Polyhedron</i>	<i>IMTE Discussion and Meeting</i>	Debbie Witzak <i>Analysis Censored and Truncated Data</i>	David MacFadden <i>Binomial Asset Pricing Model</i>
	Peter Andrews		Fusun Akman <i>Teaching a Biomathematics Modeling Course with Allen's Textbook</i>	Isaak Daniels <i>Chinese Remainder Theorem</i>
	<i>Plane Analytic Geometry Using Complex Numbers</i>			Matthew Pruitt <i>Stat Analysis of EVE Online</i>

12:05-105 p.m.	Closing Plenary Talk	Neumiller Lecture Hall	Bradley Hall
	Sunil Chebolu	Illinois State University	
	<i>Cohomology with Stones and Sticks</i>		

1 p.m.	Box Lunches available in Neumiller Foyer	Bradley Hall
1:15-3:15 p.m.	Section NExT Discussion	S/C LZT Mtg. Room #6 Student Center