

ISMAA 2005 Schedule: Friday April 8

9:30AM - 11:30AM Workshop on Discovery-Based Learning (SMC A207)			
12:45PM - 1:45PM Plenary Talk by Phil Straffin (CFA—Center for Fine Arts---Kresge Auditorium)			
2:00PM - 3:00PM Concurrent sessions			
Session A (SMC A207) (30 minutes each)	Session B (SMC A210) (30 minutes each)	Session C (SMC A219) (30 minutes each)	Session D (SMC A106)
Fedor Andreev, <i>Visualizing Mobius transformations and plane tilings</i>	Manmohan Kaur, <i>Some Uses of WebCT in Calculus</i>	Jeff Hildebrand, <i>Fairness in scheduling: Using a Monte Carlo model to simulate a baseball season</i>	Film: <i>Challenge in the Classroom</i>
Tony Bedenikovic, <i>Two-complexes with Nontrivial Self-Covers</i>	Dawn Wagner Lindquist, <i>Introducing Math Majors to Journal Article Reading</i>	Leonard Blackburn, <i>Math Contests: Friendly Problem Solving for Everyone</i>	
3:15PM - 4:15PM Concurrent sessions			
Session A (SMC A207) (30 minutes each)	Session B (SMC A210) (30 minutes each)	Session C (SMC A219) (30 minutes each)	Session D (SMC E011) (30 minutes each)
Nader Vakil, <i>Construction of Completions, A New Approach Using Modern Infinitesimals</i>	Steve Hinthorne, <i>Insights into Teaching Future Elementary Teachers</i>	Paul Bialek, <i>Bald answers, table-scraping and inoculation: Grading the AP Calculus exam</i>	Vali Siadat, <i>Applications of the Axial Representation of Trigonometric Functions</i>
Dan Hrozencik, <i>Finding Median Sets of Tree Structures in Synchronous Distributed Systems</i>	CANCELLED	Patricia Kiihne, <i>Mathematics and the Maya</i>	Douglas Lewit, <i>Using Maple to Simulate the Negative Binomial Distribution with Applications to Modeling the Spread of HIV</i>
4:30PM - 6:00PM			
Undergraduate Mathematics Contest (SMC E117)		Annual Business Meeting (SMC A106)	
6:15PM - 7:30PM			
Undergraduate Pizza Party (Prairie Inn)		Reception and Banquet (Prairie Inn)	
7:30PM - 8:30PM Plenary Talk by Underwood Dudley (Prairie Inn)			

NOTES:

- Refreshments and the MAA book display will be available in SMC E215 for the duration of the meeting.
- Prentice-Hall will have a booth displaying mathematics and other texts outside of SMC A112.
- The Knox wireless network in SMC and CFA will be accessible throughout the meeting. Encryption and authentication on the network has been disabled to allow meeting participants easy access to the internet.
- The Illinois State Academy of Science meeting will be sharing SMC with us on Friday. Sorry for the crowds!

ISMAA 2005 Schedule: Saturday April 9

8:30AM - 9:30AM Plenary Talk by Dan Kalman (Science and Math Center A110)			
9:40AM - 10:40AM Concurrent sessions and undergraduate papers			
Session A (SMC A207)	Session B (SMC A210) (30 minutes each)	Session C (SMC A219) (30 minutes each)	Session D (SMC E117) (30 minutes each)
Panel Discussion: <i>What's the Interview Process Really Like? An Informational Panel for Graduate Students</i>	David Lukens, <i>From Euclid to Godel by way of Lobachevsky</i>	John Chisholm, <i>Dividing the Goods</i>	Sharon Robbert & Katie DeKoekkoek, <i>A Crash Course for Connecting Curve Cryptology</i>
	Vince Matsko, <i>A High School Course on Polyhedra</i>	Roger Eggleton, <i>Equal Sums of Squares</i>	Timothy Comar, <i>A Calculus Sequence for Biology Students</i>
10:50AM - 11:50AM Concurrent sessions and undergraduate papers			
Session A (SMC A207) (30 minutes each)	Session B (SMC A110)	Session C (SMC A219) (30 minutes each)	Session D (SMC A210) (30 minutes each)
Ollie Nanyes, <i>Limits of Functions of Two Variables</i>	Underwood Dudley, <i>Why Teach Mathematics?</i> (Sponsored by Project NExT)	Rich Wilders, <i>Galileo's Computation of the Tangent Line to a Parabola</i>	Lisa Townsley, <i>The CLEP Precalculus Exam</i>
Mehmet Dik, <i>On Tauberian Conditions of Slowly Oscillating Type</i>		Andrew Leahy, <i>James Gregory's Proof of the FTC</i>	
12:00PM - 1:00PM Plenary Talk by Jean Bee Chan (Science and Math Center A110)			

NOTES:

- An evaluation form for the meeting may be found online at <http://math.knox.edu/aleahy/ismaa2005/evaluation.html>
Please fill out the form or send an e-mail to aleahy@knox.edu if you have any comments or questions.
- Boxed lunches will be available before the 12:00PM Saturday plenary talk for those who ordered them.
- ISMAA 2006 will be held April 7-8, 2006, at North Central College. Mark your calendars!

SPECIAL ADVERTISEMENT!

If you have time, stop by the Knox College Special Collections Room in the center of the second floor of Seymour Library on Friday, April 8, between 9:00--noon or 1:00—4:30. On display will be:

Erhart Ratdolt's 1482 Edition of Euclid's Elements. (The first significant science text ever published!)

Henry Billingsley's 1570 Edition of Euclid's Elements. (The first published edition of Euclid in English!)

as well as Johannes Kepler's *Harmonices Mundi* and several important works by Galileo.