

ISMAA 2004 Friday Schedule

Book and technology vendors and snacks will be available in Rm 311 throughout the afternoon.

9:00AM – 12:00PM (PRE-REGISTRATION REQUIRED)

Mini-course: “How to present mathematical masterpieces to enliven all students”, Michael Starbird (Rm 314)

12:45PM – 1:45PM

Plenary Talk: “Problems in Mathematics from Zero to Infinity”, Paul Sally (Alumni Hall room)

2:00PM – 3:00PM (Concurrent Sessions)

Session A (30 minute talks) Rm 312

Timothy Comar and Jesica M. Tyrus, Benedictine University,

"Regular and Almost Regular Stick Numbers of Knots"

Sarah Ziesler, Dominican University,

"The Fourier transform, restriction theorems and decay estimates"

Session B (30 minute talks) Rm 314

Heidi Staebler, Illinois State University

"Students' Perceptions of Learning in an Inquiry-Based University Level Mathematics Course"

Ming Jeng Lin, Roosevelt University

"Using various software programs to solve linear programming problems."

Session C (1 hour talk) Rm 313

Todd Oberg, Illinois College

"Matrices, ISBE, and NCATE - What have I learned over the past 12 months?"

Session D (1 hour panel discussion) Alumni Hall room

Susanna Epp, DePaul University

Herbert Kasube, Bradley University

"CUPM Curriculum Guide 2004 : An Overview of the

Recommendations and What They Mean for Mathematics Departments"

Session E (1 hour talk) Room 330

Bernard Turner, Texas Instruments

“What's New at TI?”

3:15PM – 4:15PM (Concurrent Sessions)

Session A (20 minute talks) Rm 312

Paul Coe, Dominican University

"HORSEing around with Mathematics"

Mark Pinsky, Northwestern University

"Stirling' formula from the Poisson distribution"

Kari E. Fowler, Northern Illinois University

"Interaction Between Coefficient Conditions and Solution Conditions of Differential Equations"

Session B (1 hour talk) Rm 314

Nader Vakil, Western Illinois University

"Simplifying the Syntax of Mathematical Analysis"

Session C (1 hour panel discussion) Rm 313

Sherry Meier, Illinois State University

Todd Oberg, Illinois College

Cynthia Stecher, Northern Illinois University

"Panel Discussion on issues and concerns related to mathematics teacher education programs"

Session D (30 minute talks) Rm 325

Hei-Chi Chan, Illinois University Springfield

"Some Amazing Formulas for Pi"

Yao Wang, Roosevelt University

"Survival Bounds for Monotone Log-odds Rate Distributions"

3:15PM – 4:45PM

Student Mathematics Contest Rm 330

4:30PM – 5:30PM

ISMAA Business Meeting (Alumni Hall room)

5:00PM – 7:00PM

Student Pizza Party (SpringHill Suites Breakfast Room)

6:00PM – 8:30PM

Banquet (Blue Room, Prairie Rock Brewing Company, 1385 North Meacham)

Art Benjamin, Mathemagic: The Art of Mental Calculation (approximately 7:15)

ISMAA 2004 Saturday Schedule

Book and technology vendors and snacks will be available in Rm 311 throughout the morning.

8:30AM – 9:30AM

Plenary Talk: “Optimization Models in Financial Mathematics”,
John Birge (Alumni Hall room)

9:40AM – 10:40AM (Concurrent Sessions)

Session A (30 minute talks) Rm 312

Roger Eggleton, Illinois State University
"Jigsaw Puzzles and Mathematics"

Leonard Blackburn, Knox College
"Definition by Recursion"

Session B (30 minute talks) Rm 313

Mehmet Dik, Rockford College
"Necessary and Sufficient Tauberian Conditions for
Convergence Recovery of a Sequence out of its Abel Summability"

Filiz Dik, Rockford College

"Subsequential Tauberian Theory"

Session C (1 hour panel discussion) Rm 314

Don Porzio, IMSA (organizer)
Ilene Hamilton, Adlai Stephenson HS
Natalie Jakucyn, Glenbrook South HS
Ray Klein, Glenbard West HS
Michelle Kolet, Schaumburg HS

"Computer Algebra Systems in Secondary School Mathematics – Their
Usage and Their Impact on Undergraduate Mathematics"

Session D (15 minute talks) Rm 325

Student Contributed Paper Session

Session E (15 minute talks) Rm 330

Student Contributed Paper Sessions

Session F (15 minute talks) Rm 337

Student Contributed Paper Sessions

Comments? Complete an online evaluation for this meeting at:

<http://math.knox.edu/aleahy/ismaa2004/evaluation.html>

10:50AM – 11:50AM (Concurrent Sessions)

Session A (30 minute talks) Rm 312

Howard Dwyer, Monmouth College

"A Demonstration of Conformal Mapping Using a Graphing Calculator"

Andrew Leahy, Knox College

"Distributed Computing in the Numerical Analysis Curriculum"

Session B (1 hour talk) Rm 313

Mercedes McGowen, William Rainey Harper College

"Meeting the needs of ALL our students: How well are we doing?"

Session C (1 hour talk) Rm 314

Steve Hinthorne, Principia College

"Teaching Future Elementary Teachers the History of Arithmetic
and Geometry"

Session D (15 minute talks) Rm 325

Student Contributed Paper Session

Session E (15 minute talks) Rm 330

Student Contributed Paper Sessions

12:00M – 1:00PM

Plenary Talk: “Circle s, Pyramids, Spheres, and Archimedes”,
Michael Starbird (Alumni Hall room)

1:30PM – 3:30PM (PRE-REGISTRATION REQUIRED)

Interactive Session: “Using Palm PDA's in Introductory
Mathematics Courses”, Abigail Hoit and Allen Rogers (Rm 314)

REMINDERS

Illinois-Indiana-Kentucky Trisection Meeting, November 5-6, 2004

University of Evansville, Evansville, Indiana

84th Annual Illinois Section Meeting, April 8-9, 2005

Knox College, Galesburg, Illinois