

Friday, February 13, 2009

Plenary Session 2:00 – 2:50

ACAD5 112 Joseph A. Gallian, University of Minnesota Duluth
Using groups and graphs to create symmetry patterns

Contributed Papers Session 3:00 – 3:45

Lutgert 1201 David Rose, Florida Southern College
Undergraduate Student Research and Union Spaces

Lutgert 1202 Lubomir Markov, Barry University
A short proof of the irrationality of the tangent at nonzero
rational points

Lutgert 1203 Don Ransford, Edison Community College
The Road Ahead for Undergraduate Mathematics

Lutgert 1206 Michael Jones, Stetson University
(two talks) Modeling a potential spread of the Avian Flu Influenza (H5N1)
for the United States

Ryan Rogers, Stetson University
Using Hamilton's Principle to Approximate Soliton Solutions
for Nonlinear Partial Differential Equations

Lutgert 2208 Menaka Navaratna, Florida Gulf Coast University
Channa Navaratna, Indiana University of Pennsylvania
Non-linear filtering with mobile/fixed Antennas

Lutgert 2209 Wendy Perry, University of Tampa
Using Technology to Teach Introductory and College Algebra

Contributed Papers Session 4:00 – 4:45

- Lutgert 1201 Scott White, St. Petersburg College
Math in Sports; or ... How to Serve a Volleyball
- Lutgert 1202 Shanzhen Gao, Florida Atlantic University
Some Remarks On Some Classical Combinatorics Problems
- Lutgert 1203 Daniel Dreibelbis, University of North Florida
What is Elliptic Curve Cryptography?
- Lutgert 1206 Stephen Rowe, Wilkes Honors College, FAU
(two talks) Invariant subspaces and orbits of operators
- Isaac DeFrain, Justin Owen, Wilkes Honors College, FAU
The Leap from Classical Physics to Quantum Mechanics
- Lutgert 2208 Kari Fowler, University of Tampa
Value Distribution for Differential Polynomials
in the Unit Disk
- Lutgert 2209 Cathleen Horne, Broward College
John Adam, Old Dominion University
Student Projects: Quadratics and Birds' Eggs
for the Pre-Calculus and Calculus Students

Conference Break 4:45 – 5:30

Please visit the textbook publishers in Lutgert 1204

Contributed Papers Session 5:30 – 6:15

- Lutgert 1201 Catherine Beneteau, University of South Florida
Lifting Algorithms for Wavelet Transformations
- Lutgert 1202 Ted Andresen, St. Petersburg, Florida
Bone Mineral Density, Hip Fractures and Running in Space
- Lutgert 1203 Brittany Walker, Hawkes Learning Systems
Uses of Computer Software in Solving Math Problems
- Lutgert 1206 Cori Ouellette, William Severa, Wilkes Honors College, FAU
(two talks) From Textbook to Reality: Was Torricelli Right?
- David Holz, Wilkes Honors College, FAU
 Where is the Light? Connecting Shadows and Lights with
 Dandelin Spheres
- Lutgert 2208 Scott Hochwald, University of North Florida
Mathematical Amusements
- Lutgert 2209 Tom Vogel, Stetson University
Solitons in Microstructured Solids and Biological Transport
Models

Conference Banquet and Awards Ceremony 6:30 – 8:30

Saturday, Valentine's Day, 2009

Plenary Session 9:00 – 9:50

ACAD5 112 Meredith Blue, NextEra Energy
Accidents Will Happen – Estimating Risk in Nuclear Power
Plants

Contributed Papers Session 10:00 – 10:45

Lutgert 1201 I. A. Sakmar, University of South Florida
Double Triangular Numbers

Lutgert 1202 Joel M. Berman, Valencia Community College
Just Jing It

Lutgert 1203 Jim Condor, Manatee Community College
Transition Modules in Higher Education: Redesigning the
Mathematics Curriculum – Part I

Lutgert 1206 Eugene Belogay, Wilkes Honors College, FAU
Exit Strategy in the Rain: Walk or Run? Myth Busted!

Lutgert 2208 Raid Amin, Rohan Hemasinha, Kuiyuan Li, Josaphat Uvah
University of West Florida
Using an Interactive Learning Environment in Graduate
Mathematics Science Courses

Lutgert 2209 Ben Fusaro, Florida State University
Environmental Modeling – Part I

Contributed Papers Session 11:00 – 11:45

- Lutgert 1201 Paul Yiu, Florida Atlantic University
Heptagonal triangles and their companions
- Lutgert 1202 Student Contests
- Lutgert 1203 Jim Condor, Manatee Community College
Transition Modules in Higher Education: Redesigning the
Mathematics Curriculum – Part II
- Lutgert 1206 Alex Kane, University of North Florida
(two talks) Closure Properties of Involution Codes
- Scott Hochwald, University of North Florida
Governor’s Session
- Lutgert 2208 Kuiyuan Li, Josaphat Uvah, Raid Amin, Rohan Hemasinha
University of West Florida
A Study of Non-traditional Instruction on Qualitative
Reasoning and Problem Solving in General Studies
Mathematics Courses
- Lutgert 2209 Ben Fusaro, Florida State University
Environmental Modeling – Part II

Plenary Session 12:00 – 12:50

- ACAD5 112 Edward B. Burger, Williams College
“How Always to Win at Limbo” or “You can sum some of the
series some of the time, and some of the series none of the
time... but can you sum some of the series ALL of the time?”

Luncheon and FL-MAA Business Meeting 1:00 – 3:00