

# First Coast Meeting of the Florida Section of the MAA

## University of North Florida

January 30, 2009

3:00-9:00 P.M.

### Program

Registration begins at 2:00 in Building 51 Social Sciences

Room 1205	Room 1103	Room 1104
3:00-3:50 <i>What is elliptic curve cryptography?</i> Daniel Dreibelbis University of North Florida	3:00-3:50 <i>Mathematical Methods for Modeling of Lightning and Thunderstorm</i> Beyza Aslan University of North Florida	3:00-3:25 <i>Chemicals that Calculate and Origins of Life</i> Robert Vergenz University of North Florida
		3:25-3:40 <i>Closure Properties of Involution Codes</i> Alex Kane University of North Florida <i>Student Presentation</i>
		3:40-3:50 <i>Characterizing Planar Graphs by Partially Ordered Sets</i> Danielle Glaze University of North Florida <i>Student Presentation</i>
3:50-4:00 BREAK		
4:00-4:25 <i>Defending a Graph with Mobile Guards</i> Chip Klostermeyer University of North Florida	4:00-4:25 <i>Students' placement in the lower level mathematics &amp; statistics courses at UNF</i> Faiz Al-Rubae University of North Florida	4:00-4:25 <i>Using Wavelet Based Multiresolutional Analysis</i> Sean Rampacek University of North Florida <i>Student Presentation</i>
4:25-4:50 <i>An Almost Periodic Function of Several Variables with no Local Minimum</i> Greg Spradlin Embry Riddle University	4:25-4:40 <i>The Problem with Definitions</i> Marilyn Repsher Jacksonville University	4:25-4:40 <i>Summer Institute in BioStatistics</i> Richard Barfield University of North Florida <i>Student Presentation</i>
		4:40-4:50 <i>Mathematical Methods for Detecting Evidence of Weak Interactions in Amyloid-I<sup>2</sup>(1-42) Fibrils</i> Jeremy Nix University of North Florida <i>Student Presentation</i>

4:50-5:00 BREAK			
5:00-5:50 <i>Poisson's Remarkable  Calculation a Method or a  Trick?</i> Denis Bell University of North Florida	5:00-5:25 <i>Interesting Applets for Calculus</i> Michael Gagliardo Jacksonville University	5-5:50 <i>Mathematical Amusements</i> Scott Hochwald University of North Florida	
	5:25-5:50 <i>Journaling in Real Analysis (It's  not what you are thinking)</i> Paul Crittenden Jacksonville University		
5:50-6:00 BREAK			
6:00-6:45	<b>Plenary Lecture</b> <i>The Pythagoreans: The Cult That Gave Us Mathematics</i> Fredric Zerla Professor Emeritus University of South Florida		Room 1205
7:00-9:00  <i>Dinner Banquet</i>			
Building 14 Andrew A. Robinson, Jr. , Student Life Center		Rooms 1601-1603	