Student Talks at ISMAA April 7-8, 2006, North Central College

There will be 26 talks presented by student speakers from 6 different colleges across Illinois.
Here is the schedule:

Friday, April 7

Rooms	Old Main 302	Old Main 521	Goldspohn 22
2:00-2:15pm	*Misleading Pathological Mistakes* Jessie Carr, Illinois College	*Sending Messages through an Ion Channel* Delin Wang, Benedictine University	
2:20-2:35pm	*The Prime Number Theorem* Jennifer Muskovin, Benedictine University	*The Continuous Birthday Problem* Josh Barks, Olivet Nazarene University	
2:40-2:55pm	*On Base Percentage: What is it Good for?* Pablo Marquez, Benedictine University	*RSA Attack* Janet Scardino and Dan Faber, Benedictine University	
Break			
3:15-3:30pm	*Existence of Regular Stick Numbers of Knots* Kenneth Miller, Benedictine University	*Breaking Data Encryption Standard Through DNA Computation* Ivana Stefanovska, Benedictine University	*Symmetries of Differential Equations* Andrew Greene, Bradley University
3:35-3:50pm	*The arccos(-1/3)-regular Stick Number of Knots* Debbie Witczak, Benedictine University	*Musical Symmetries from the Baroque, Classical, and Romantic Periods* Christine Martin, Benedictine University	*A Proof of the Hardy-Ramanujan-Rademacher Expansion for p(n)* Eugene Eyeson, Benedictine University
3:55-4:10pm	*Understanding Calculus Theorems Using Hyperreals* Leon Coleman, Chicago State University	*Steganographs found in DNA encrypting 3-dimensional protein structure* Shakil Hafiz, Benedictine University	

Saturday, April 8

Rooms	Old Main 302	Old Main 521
9:40-9:55am	*Lie Groups and Several Examples* Mingjie Yang, Benedictine University	*Undeniable Signatures: Knowing How to Keep a Secret* Aimee-Jasmine C. Paran, Benedictine University
10:00-10:15am	*Crash Course in Lie Algebras* Robert Maynard, Benedictine University	*Monte Carlo Estimation of the Price of an Option* Derek Serrano, Augustana College
10:20-10:35am	*How do you factor n!* Robert Andry, Bradley University	*A Term in Australia* Andrew Brasile, Augustana College
Break		
10:50-11:05am	*Coloring Rational Knots* Ryan Ephgrave, Bradley University	*Reconstructing Phylogenies* Courtney Cook, Augustana College
11:10-11:25am	*Knotted Ribbons (Not Ribbon Knots)* Jason Wood, Bradley University	*Genealogy Graphs* Christina Gillen, Augustana College
11:30-11:45am	*Computer Simulation of Enigma: Is Enigma Still Secure?* Russel Zagorski, Benedictine University	*On the Center of a Graph* Sara Muhs, Augustana College

The student speakers are:

Robert Andry, Ryan Ephgrave, Andrew Greene & Jason Wood, Bradley University; Andrew Brasile, Courtney Cook, Christina Gillen, Sara Muhs, & Derek Serrano, Augustana College; Jessie Carr, Illinois College; Leon Coleman, Chicago State University; Joshua Barks, Olivet Nazarene University; Christine Martin, Jennifer Muskovin, Shakil Hafiz, Ken Miller, Robert Maynard, Debbie Witczak, Pablo Marquez, Janet Scardino, Dan Faber, Aimee Paran, Delin Wang, Ivana Stefanovska, Mingjie Yang, Eugene Eyeson & Russel Zagorski, Benedictine University.