

NYSMATYC Annual Conference
April 20-22, 2007
Niagara Falls, NY
Program Summary

Friday

12:00 – 12:55 pm

Lunch

1:00 – 1:55 pm

1-Hour Sessions

- S1** Using Manipulatives in Mathematics Courses for Elementary Teachers
- S2** How to Cheat at Factoring, and Why You Should

1:00 – 2:25 pm

1.5-Hour Session

- S3** Does $(\text{Passion})^n + (\text{Fermat's Last Theorem})^n = (\text{Success})^n$ have a place in your classroom?

2:00 – 2:55 pm

1-Hour Sessions

- S4** The "New" Language of Algebra
- S5** Commercial Presentation: Houghton Mifflin Company - How to Keep Good Students On Track (and Help At Risk Student Get on the Track!) with HMAssess.

2:30 – 2:55 pm

1/2-Hour Session

- S6** Something old, something new,...a dozen (or so) instruction ideas for you

3:00 – 3:30 pm

Break: Please Visit Vendor Exhibits!!

3:30 – 4:25 pm

1-Hour Sessions

- S7** Commercial Presentation: Key College Publishing - Think Outside the Book! Affordable, Online, Textbook-free college math courses from Content on Demand
- S8** Item Analysis Project at LaGuardia Community College: An on-line interactive computer system.
- S9** Reinforcing Topics in Precalculus through Workshops

4:30 – 5:25 pm

1-Hour Sessions

- S10** A Bunch of Fractals
- S11** Commercial Presentation: Plato Learning, Inc. - Introducing Academic Systems Algebra

4:30 – 4:55 pm

1/2-Hour Session

- S12** Why the Elevator Goes the Wrong Way
- S13** AMATYC's Beyond Crossroads - Where Does it Lead?

5:30 – 6:30 pm

Board Meeting

6:00 – 7:00 pm

Cocktail Hour - Cash Bar

7:00 pm – ???

Dinner (Scholarship Winners Recognized)

Saturday

<u>6:30 am – ???</u>	Estimation Run
<u>7:15 – 8:15 am</u>	Breakfast
<u>8:30 – 10:25 am</u>	<u>2-Hour Session</u>
S14	Math on the Web Themed Session
<u>8:30 – 9:25 am</u>	<u>1-Hour Sessions</u>
S15	Commercial Presentation: ACT, Inc. - Assessed before Orientation: Remote Testing and High School Outreach Capabilities with COMPASS
S16	From Midpoint to Arc Length...There is an effective and fun way to demonstrate geometric properties!
<u>9:30 – 10:25 am</u>	<u>1-Hour Sessions</u>
S17	Deep Understanding of Fundamental Mathematics for Future Teachers
S18	Quadratic Curve Fitting: New Tricks for Old Dogs
<u>10:30 – 11:00 am</u>	<u>Break: Please Visit Vendor Exhibits!!</u>
<u>11:00 am – 12:00 pm</u>	<u>Business Meeting</u>
<u>12:15 – 1:15 pm</u>	<u>Lunch</u>
<u>12:45 – 1:15 pm</u>	Special Lunch Presentation: The MAC3 Project
<u>1:30 – 2:25 pm</u>	<u>1-Hour Sessions</u>
S19	Commercial Presentation: Hawkes Learning System - How to Motivate Students by Using Software
S20	Discussion methods that work!
S21	Commercial Presentation: Pearson-Prentice Hall and Pearson-Addison-Wesley: A hands-on workshop for MyMathLab -- Web-Based Homework, Quizzing and Course Management system for Mathematics

2:30 – 3:25 pm

1-Hour Sessions

S22

Come and Play Trivia Challenge

S23

Modern Applications of Boolean Logic In A General Education Mathematics Course Using a Web 2.0 Environment

2:30 – 3:25 pm

1/2-Hour Sessions

S24

Evolution of a Lesson: Celebrities and Introductory Statistics

S25

Adding Dimension to Students' Mathematical Understanding

3:30 – 3:55 pm

Break: Please Visit Vendor Exhibits!!

4:00 – 4:55 pm

1-Hour Sessions

S26

Enhance Student Learning through the use of Math XL in Developmental Mathematic

S27

That's Not the College Algebra I Remember From College!

4:00 – 4:55 pm

1/2-Hour Sessions

S28

The Secret Life of Number: An Introduction to Classical Algebra to Undergraduates using Cryptography

S29

Mathematics Course Assessment

5:00 – 6:00 pm

Board Meeting

6:00 – 7:00 pm

Cocktail Hour - Cash Bar

7:00 pm – ???

Banquet Dinner & Keynote Speaker: Sam McInroy
Mathematics, Mother Nature and Mensch en Werk

Sunday

8:00 – 9:00 am

Breakfast

9:15 – 10:10 am

1-Hour Sessions

S30

A Bridge Course to Pre-Calculus

S31

Making Adjuncts Feel Like Part of the Department

9:15 – 10:10 am

1/2-Hour Sessions

S32

Understanding the epsilon-N Definition of a Converging Sequence by using Animation

S33

The Integral of Some Special Rational Functions

10:15 – 11:10 am

1-Hour Sessions

S34

ANGEL - A Primer

S35

Do You Do Sudoku?

10:15 – 11:10 am

1/2-Hour Sessions

S36

2006-2007 Curriculum Survey Report

S37

Emphasizing Critical Thinking When Teaching Mathematics to Future Elementary School Teachers