

**SEAWAY SECTION
MATHEMATICAL ASSOCIATION
OF AMERICA**

**2004 SPRING MEETING
April 23-24
SUNY Cortland**

PROGRAM

Friday Afternoon, Corey Union, 304

3:00 – 6:00 Meeting of the Executive Committee

Friday Afternoon, Corey Union, 206 – 209

12:00 – 5:30 Seaway NExT Lunch and Meeting

Friday Evening, Corey Union Function Room

6:00 – 7:00 Social Hour (cash bar)

7:00 – 8:30 Dinner

8:30 – 8:45 *Presentation of the Seaway Section
Distinguished Teaching Award*

8:45 – 9:30 *Reasoning About Dimensions You
Cannot See*
Tom Rishel,
Weill Cornell Medical College,
Qatar

Saturday Morning, 120 Sperry Hall

08:40 – 08:45 *Welcome*
Dr. Erik Bitterbaum, President
SUNY Cortland

08:45 – 09:35 *Recently Uncovered Flaws in
Standards-Based Mathematics
Tests*
Alan Tucker,
SUNY Stony Brook

09:45 – 10:35 *How to Always Win at Limbo*
Ed Burger, Williams College

10:35 – 11:00 Business Meeting

11:10 – 12:00 **Harry M. Gehman Lecture**
*Writing on Molecules in Fluid
Memory*
Tom Head, SUNY Binghamton

Saturday Afternoon, 311 Sperry Hall

1:30 – 1:55 *Good Questions*
Maria Terrell, SUNY Binghamton

2:00 – 2:25 *Teaching A Writing Intensive Math
Course – Really!*
Tim Biehler, Finger Lakes CC

2:30 – 2:55 *Writing and the Mathematical
Process*
Collin Bleak, SUNY Binghamton

3:00 – 3:25 *A Geometric Approach to Teaching
Linear Algebra*
Magdalena Mosbo, SUNY Oswego

3:30 – 3:55 *Calculators in Developmental
Mathematics*
Denise Yull, SUNY Binghamton

Saturday Afternoon, 313 Sperry Hall

1:30 – 1:55 *A Polynomial Test for n by n
Matrices*
Daniel Birmajer, Nazareth College

2:00 – 2:25 *Error Detection and Correction
Codes*
Nicholas Koban,
SUNY Binghamton

2:30 – 2:55 *Abstract Algebra for the High
School Teacher*
Olympia Nicodemi, SUNY Geneseo

3:00 – 3:25 *Is There Any Order In Groups?*
Joshua Palmatier,
SUNY Binghamton

3:30 – 3:55 *A Curious Relationship Between
Bessel Functions and Fibonacci
Numbers*
Osman Yurekli, Ithaca College

Saturday Afternoon, 315 Sperry Hall

1:30 – 1:55 *Balanced Versions of the
Harmonic Series*
James Marengo, RIT

2:00 – 2:25 *The Dual of a Simplicial Complex*
Risto Atanasov, SUNY Binghamton

2:30 – 2:55 *Applications of the Logarithmic
Mean*
Peter R. Mercer, SUNY Buffalo

3:00 – 3:25 *Transcendental Entire Functions*
David A. Brown, Ithaca College

3:30 – 3:55 *A Cohomology Two Form
Canonically Associated with
Certain Flows on 3-Manifolds*
Rich Escobales, Canisius College

Saturday Afternoon, 317 Sperry Hall

1:30 – 1:55 *ESL and Non-traditional Students at
the Learning Assistance Center*
Gabriela Mendoza,
SUNY Binghamton

2:00 – 3:55 *Circles, Logs, Sines, Area,
Sketchpad, and More: A
Presentation of Teachers' Masters
and Honors Projects in School
Mathematics*
Keary Howard, Moderator
SUNY Fredonia

Saturday Afternoon, 114 Sperry Hall

1:30 – 1:55 *Word Representations of n by m
Proper Arrays Associated with
Non-Crossing Trees on $n+2$ Vertices*
Jocelyn Quaintance, SUNY Fredonia

2:00 – 2:25 *Newton's method for 2 by 2 matrices*
Sam Northshield,
SUNY Plattsburgh

2:30 – 2:55 *Group Activities in Developmental
Mathematics Classes*
Liz Snyder, Broome CC

3:00 – 3:25 *Some common probability
misconceptions*
Lynn Carlson, SUNY Oswego

3:30 – 3:55 *Intrinsic Knotting in Graphs*
Garry Bowlin, SUNY Binghamton

Saturday Afternoon, 126 Sperry Hall

- 1:30 – 1:55 *Teaching A Junior-Level
Geometry Course Using Technology*
Isa S. Jubran, SUNY Cortland
- 2:00 – 2:25 *The Collage Theorem*
Adam Weisblatt, SUNY Cortland
- 2:30 – 2:55 *A Parity Analysis of the Tridrafters*
Matthew E. Coppenbarger, RIT

Registration, Lunch, and Refreshments

Registration will take place in Sperry Hall on Friday evening during the social hour, and also on Saturday morning from 8:00 until 11:00 in Sperry Hall. Refreshments will be available in the registration area on Saturday morning, and following the sessions on Saturday afternoon. The Saturday Lunch will be served from noon to 1:30 in the Neubig Dining Hall.

Accommodations

Blocks of rooms have been reserved at:

Comfort Inn, 2 ½ Locust Ave, 607-753-7721 or 800-228-5150; \$59 double, mention Seaway Conference; Maria is the contact person; reserve by 3/23.

Country Inn and Suites, 3707 Route 281, 753-8300; \$75-\$109, mention MAA Seaway Section Meeting; Amy is the contact person; reserve by 3/23.

EconoLodge (formerly Downes Motel), 10 Church Street, 607-756-2856 or 1-800-800-0301; \$69 double; Harry is the contact person; reserve by 4/1.

Holiday Inn, 2 River Street, 607-756-4431 or 1-800-Holiday; \$74.95 double, mention MAA; Rachel is the contact person; reserve by 3/24.

Directions to the Hotels

Comfort Inn: From I-81 North take Exit 11. At the exit ramp drive across Route 13 to Locust Avenue. From I-81 South take Exit 11. Turn left onto Route 13 and then left onto Locust. The hotel is located behind Denny's Restaurant.

Country Inn and Suites: From I-81 take Exit 12 to Route 281. Turn left and follow Route 281 south for approximately 2 miles. The hotel is on the right.

EconoLodge: From I-81 take Exit 11 to Clinton Avenue/Route 13 South. Drive approximately one mile, get into the center lane and turn left onto Church Street. The hotel is on the right.

Holiday Inn: From I-81 take Exit 11 to Clinton Avenue/Route 13 South. Turn left at the second light onto River Street.

Directions to SUNY Cortland

From I-81, Comfort Inn or Holiday Inn: Take Exit 11 to Clinton Avenue/Route 13 South. Drive approximately one mile, get into the center lane and make a left-hand turn at the light onto Church Street. From Church Street make a right-hand turn onto West Court Street. Take West Court Street to the top of the hill and make a right-hand turn onto Graham Avenue. Make the first left-hand turn onto Gerhart Drive. Look for signs for MAA parking.

From EconoLodge: Take Church Street southbound and turn right onto West Court Street. Take West Court Street to the top of the hill and make a right-hand turn onto Graham Avenue. Make the first left-hand turn onto Gerhart Drive. Look for signs for MAA parking.

From Comfort Inn and Suites: Take Route 281 north for approximately 1 mile to Route 222/Groton Avenue. Turn right and follow Groton Avenue approximately 1.5 miles to the second traffic light. Turn right onto Graham Avenue. Turn right onto Gerhart Drive. Look for signs for MAA parking.

From Ithaca and points southwest: Take Route 13 North to Route 281 and follow the directions above for the Comfort Inn and Suites.

Pre-registration Form

Name: _____

Institution: _____

MAA Member: Yes _____ No _____

Registration Fee: _____ @ \$15 \$ _____

Friday Dinner: _____ @ \$25 \$ _____

Entrée Choice: _____ Sole Florentine
_____ Chicken Oscar
_____ Tortellini with Pesto

Saturday Lunch: _____ @ \$10 \$ _____

Total: _____ \$ _____

Please pay in U.S. funds and make checks payable to **Seaway Section, MAA**. Note that there is no registration fee for students, and students who pre-register qualify for a free lunch on Saturday.

The address for registration by mail is:

Terri Peebles
Mathematics Department
SUNY Cortland
PO Box 2000
Cortland, NY 13045-0900

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www.cortland.edu/math/seawaymeeting