

**SEAWAY SECTION
MATHEMATICAL ASSOCIATION
OF AMERICA**

2012 SPRING MEETING

April 13-14

HAMILTON COLLEGE

PROGRAM

Friday afternoon, Project NExT, Kirner Johnson 101

12-12:15 Welcome
12:15-1:15 Lunch
1:15 - 2:45 What do we want our majors to take away into their lives - 20 years from now?
2:45 - 3:00 Short break
3:00 - 4:30 Panel and Discussion: Programmatic Assessment- Are course goals being met?
4:30-5:00 Discussion of plans and ambitions for Seaway NExT/PFF and closing

Friday afternoon, Kirner Johnson 201

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

Friday Evening, Kirner Johnson Upper Commons

6:00 – 7:00 Social Hour (cash bar)

7:00 – 8:30 Banquet, McEwen Dining Hall

8:30 – 9:30 **David Bressoud, Macalester College
Kirner Johnson Bradford Auditorium**

Stories from the Development of Real Analysis

9:30-10:30 Math Jeopardy **Ryan Gantner, St. John Fisher College, Kirner Johnson Bradford Auditorium**

Saturday morning, Kirner Johnson Building, Bradford Auditorium

08:40 – 08:45 Welcome address by **Margaret Gentry**, Associate Dean of Faculty and Professor of Women's Studies

08:45 – 09:35 **Bill Dunham, Muhlenberg College**

Two (More) Morsels from Euler

09:45 – 10:35 **Robin Lock, St. Lawrence University**

Bootstrapping: Let Your Data Be Your Guide

10:35 – 11:00 Business Meeting

11:10 – 12:00 **Gehman Lecture: Col. Steve Horton, United States Military Academy**

Optimal Generation and Packing of Steiner Trees in a Rectilinear Grid

GROUP PHOTO

Lunch: 12-1:30, McEwen Dining Hall

Saturday afternoon, Kirner Johnson Building, 127

1:30 – 2:25 **Hatesh Radia**, Corning Community College

Workshop: Use an Echo to Improve Classroom Efficiency

2:30-2:55 **Yozo Mikata**, Bechtel

Deformation of CNT (Carbon Nanotube) by Molecular Mechanics

3:00-3:25 **Paul Seeburger**, Monroe Community College

Verifying Surface Intersection Curves Visually

3:30-3:55 **Elizabeth Wilcox**, Colgate University

I Fold: Origami as a Technique

Saturday afternoon, Kirner Johnson Building, 101

1:30 – 1:55 **Sam Northshield**, SUNY Plattsburgh

Ellipses and Results of Marden and Cardano

2:00- 2:25 **Christopher Baltus**, SUNY Oswego

Brook Taylor in Perspective: Perspective Drawing as a Central Collineation

2:30- 2:55 Joel Dreibelbis, Rochester Institute of Technology

Dynamics of Linear Maps

3:00-3:25 Robert Sulman, SUNY Oneonta

Orbits under polynomials modulo n that coincide with subgroups of the units of $\mathbb{Z}/n\mathbb{Z}$ modulo n

3:30- 3:55 Xiao Xiao, Utica College

The Frobenius Problem

Saturday afternoon, Kirner Johnson Building, 102

1:30-2:25 Keary Howard, SUNY Fredonia

Mathematics Cognition and Misconceptions in Introductory College Mathematics Courses

2:30 -2:55 Marshall Whittlesey, California State University San Marcos

Teaching spherical geometry to undergraduates

3:00-3:25 Gabriel Prajitura, SUNY Brockport

Approximating by averages

3:30-3:55 Victor Protsak, SUNY Oswego

On the shape of a dinner napkin

Saturday afternoon, Kirner Johnson Building, 201

1:30 –1:55 David Farnsworth, Rochester Institute of Technology

A Statistical Test for Mutual Exclusivity

2:00-2:25 Joseph Petrillo, Alfred University

The Alfred University Calculus Initiative

2:30-2:55 Olympia Nicodemi, Patrick Rault, SUNY Geneseo

Sharing our co-teaching experiences

3:00-3:25 Stan Seltzer, Ithaca College

The Top-Ten List

3:30-3:55 Chulmin Kim, Rochester Institute of Technology

Which works better to predict the 2012 NCAA bracket? RPI or BPI? Or Sagarin's?

Saturday afternoon, Kirner Johnson Building, 224, 203, 109

Student Talks: Organizer: **David Brown, Ithaca College**

The schedule can be found on the green sheet in your folder.

Registration, Meals, and Refreshments

Registration will take place in **Kirner Johnson Lower Commons** on Friday evening during the social hour from 6:00 to 7:00 and on Saturday morning from 8:00 until 11:00 in **Kirner Johnson Lower Commons**. Breakfast will be served in **Kirner Johnson Lower Commons** and lunch will be served in **McEwen Dining Hall**.

Accommodations

The Meeting has a block of rooms reserved at the Vernon Downs Casino Hotel in Vernon, NY, 4229 Stuhlman Road, which is approximately a 20-minute drive from campus. Conference rates are \$109.00 per standard double room. For reservations call 1-315-829-3400 – Request MAA.

Meeting Website

<http://conferences.hamilton.edu/maaseaway#>

NEXT MEETING:

OCTOBER 19-20, 2012

ELMIRA COLLEGE