

The Combinatorics Seminar

SPRING-SUMMER 2016

Best Viewed With Any Browser

Directions to the department.

Organizers: Michael Dobbins, Vaidy Sivaraman, and Thomas Zaslavsky.

SPRING 2016

- **Tuesday, January 26**

Brief organizational meeting. Then:

Speaker: Vaidy Sivaraman (Binghamton)

Title: JMM 2016

Time: 1:15 - 2:15

Room: WH-100E

- **Tuesday, February 2**

Speaker: Vaidy Sivaraman (Binghamton)

Title: Mock Threshold Graphs

Time: 1:15 - 2:15

Room: WH-100E

- **Tuesday, February 9**

Today's meeting time will be given over to private meditation—perhaps personal improvement or paper grading.

- **Tuesday, February 16**

Speaker: Michael Dobbins (Binghamton)

Title: Shadows of a Closed Curve

Time: 1:15 - 2:15

Room: WH-100E

- **Tuesday, February 23**

Postponed to March 1.

- **Tuesday, March 1**

Speaker: Thomas Zaslavsky (Binghamton)

Title: Mock Threshold Graphs: Planarity

Time: 1:15 - 2:15

Room: WH-100E

- **Tuesday, March 8**

No meeting today

- **Tuesday, March 15**

Speaker: Elizabeth Munch (Albany)

Title: The Reeb Graph Interleaving Distance and its Application to Data Analysis

Time: 1:15 - 2:15

Room: WH-100E

▪ Tuesday, March 22

Speaker: Richard Behr (Binghamton)

Title: Signed Graph Coloring

Time: 1:15 - 2:15 and 4:30 - 5:30

Room: WH-100E

▪ Tuesday, April 5

Speaker: Michael Dobbins (Binghamton)

Title: The Number of Holes in the Union of Translates of a Convex Set in Three Dimensions

Time: 1:15 - 2:15

Room: WH-100E

▪ Tuesday, April 12

Speaker: Amelia Mattern (Binghamton)

Title: Bounds for the Number of Triangles in Arrangements of Lines and Pseudolines in the Real Projective Plane

Time: 1:15 - 2:15

Room: WH-100E

▪ Tuesday, April 19

Speaker: Ting Su (Binghamton)

Title: Matroids Over Hyperfields, I

Time: 1:15 - 2:15

Room: WH-100E I'll present an algebraic framework which simultaneously generalizes the notions of linear subspaces, matroids, oriented matroids, and phased matroids. The resulting objects are called "matroids over hyperfields". This is from a new paper by Matthew Baker, "Matroids over hyperfields".

▪ Tuesday, April 26

Speaker: Ting Su (Binghamton)

Title: Matroids Over Hyperfields, II

Time: 1:15 - 2:15

Room: WH-100E

▪ Saturday, April 30**DISCRETE MATHEMATICS DAY at Smith College**

Highly recommended to all with an interest in combinatorics, broadly interpreted. Maybe several of us will go. Registration is requested, only to get an estimate of the attendance.

▪ Tuesday, May 3

Speaker: Ting Su (Binghamton)

Title: Matroids Over Hyperfields, III

Time: 1:15 - 2:15

Room: WH-100E

▪ Tuesday, May 10

A day of rest (no seminar).

▪ Monday, May 16 (Note special day)

Speaker: Russ Woodroffe (Mississippi State)

Title: A Broad Class of Shellable Lattices

Time: 1:00 (**Note special time**)

Room: WH-100E

SUMMER 2016

Tuesday, June 28

Speaker: Rigoberto Flórez (The Citadel)

Title: [Dyck Paths and Fibonacci Numbers](#)

Time: 3:30 - 4:30 (**Note special time.**)

Room: WH-100E

Anticipated Future Talks

- *Speaker:* Jim Lawrence (George Mason)
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Past Semesters:

[Fall 2015](#) | [Spring 2015](#) | [Fall 2014](#) | [Spring-Summer 2014](#) | [Fall 2013](#) | [Spring-Summer 2013](#) | [Fall 2012](#) | [Spring 2012](#) | [Fall 2011](#) | [Spring-Summer 2011](#) | [Fall 2010](#) | [Spring-Summer 2010](#) | [Fall 2009](#) | [Spring-Summer 2009](#) | [Fall 2008](#) | [Spring 2008](#) | [Fall 2007](#) | [Spring 2007](#) | [Fall 2006](#) | [Spring 2006](#) | [Fall 2005](#) | [Spring 2005](#) | [Fall 2004](#) | [Spring 2004](#) | [Fall 2003](#) | [Spring 2003](#) | [Fall 2002](#) | [Spring 2002](#) | [Fall 2001](#) | [Spring 2001](#) | [Fall 2000](#) | [Spring 2000](#) | [Fall 1999](#) | [Spring 1999](#) | [Fall 1998](#) |

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