

# The Combinatorics Seminar

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## SPRING and SUMMER 2011

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Best Viewed With Any Browser

Directions to the department.

Organizers: Laura Anderson, Eric Swartz, and Thomas Zaslavsky.

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## SPRING 2011

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### ▪ Tuesday, January 25

Organizational meeting

*Time:* 1:15 - 2:15

*Room:* LN-2205

### ▪ Tuesday, February 1 (joint with the Algebra Seminar)

*Speaker:* Thomas Zaslavsky (Binghamton)

*Title:* Switching Automorphism Groups of Signed Petersen Graphs

*Time:* 1:15 - 2:15

*Room:* LN-2205

### ▪ Tuesday, February 8 (joint with the Geometry and Topology Seminar)

*Speaker:* Laura Anderson (Binghamton)

*Title:* The Extension Space Conjecture for Oriented Matroids

*Time:* 1:15 - 2:15

*Room:* LN-2205

### ▪ Tuesday, February 15 (joint with the Algebra Seminar)

*Speaker:* Eric Swartz (Binghamton)

*Title:* Locally 2-Arc Transitive Graphs

*Time:* 1:15 - 2:15

*Room:* LN-2205

### ▪ Tuesday, February 22

*Combinatorics holiday (no seminar)*

### ▪ Tuesday, March 1 (joint with the Geometry/Topology Seminar)

*Speaker:* Samuel Kolins (Cornell)

*Title:* Simplicial Cell Decompositions of Balls

*Time:* 1:15 - 2:15

Room: LN-2205

▪ **Tuesday, March 8**

*Speaker:* Frank Lutz (Technische Universität Berlin)

*Title:* Nice and Bad Triangulations of Manifolds

*Time:* 1:15 - 2:15

*Room:* LN-2205

▪ **Tuesday, March 15**

*Combinatorics holiday until after the break*

▪ **Tuesday, March 29**

*Combinatorics holiday continues*

▪ **Tuesday, April 5**

*Combinatorics holiday continues*

▪ **Special event: 7th Graduate Student Combinatorics Conference**

April 9-10, 2011

Pennsylvania State University

Abstract Submission and Early Registration Deadline: March 13, 2011

▪ **Tuesday, April 12**

*Speaker:* Matthew Stamps (University of California, Davis)

*Title:* Topological Representations of Matroid Maps

*Time:* 1:15 - 2:15

*Room:* LN-2205

▪ **Tuesday, April 26**

*Speaker:* Simon Joyce (Binghamton)

*Title:* Matching, Linear Programming, and Matching Polyhedra, Part I

*Time:* 1:15 - 2:15

*Room:* LN-2205

▪ **Thursday, April 28**

*Speaker:* Simon Joyce (Binghamton)

*Title:* Matching, Linear Programming, and Matching Polyhedra, Part II

*Time:* 1:15 - 2:15

*Room:* LN-2201

▪ **Tuesday, May 3**

*Speaker:* Felipe Rincón (Berkeley)

*Title:* Computing Tropical Linear Spaces and  $\mathbb{A}^1$ -Discriminants

*Time:* 1:15 - 2:15

*Room:* LN-2205

**▪ Thursday, May 5**

*Speaker:* Amanda Ruiz (Binghamton)  
*Title:* Realizations of Complex Matroids  
*Time:* 1:15 - 2:15  
*Room:* LN-2201

▪ Saturday, May 7, 2011

**GRAPH THEORY DAY 61**

Nassau Community College, SUNY  
10:30 a.m. - 4:30 p.m.

**▪ Tuesday, May 10**

*Speaker:* Michael Gillen (Binghamton)  
*Title:* Colorings and Orientations of Graphs  
*Time:* 1:15 - 2:15  
*Room:* LN-2205

**▪ Thursday, May 12**

*Speaker:* Christopher R. H. Hanusa (Queens College, CUNY)  
*Title:* Combinatorial Interpretations in Affine Coxeter Groups  
*Time:* 1:15 - 2:15  
*Room:* S2-145 (Note special room)

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**SUMMER 2011**

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**▪ Monday, May 23 (Special day)**

*Speaker:* Rigoberto Flórez (South Carolina at Sumter)  
*Title:* Projective Representation of Non-Representable Matroids (of Biased Graphs)  
*Time:* 1:30 - 2:30  
*Room:* LN-2205

**▪ Monday, June 27 (Special day)**

*Speaker:* Lucas Rusnak (Texas State)  
*Title:* Developments in Oriented Hypergraphs  
*Time:* 1:30 - 2:30  
*Room:* LN-2205

**▪ Thursday, July 7 (Note special day and time)**

*Speaker:* Amanda Ruiz (Binghamton)  
*Title:* Final Polynomials and Nonrealizability of Oriented Matroids  
*Time:* 1:00 - 3:00  
*Room:* LN-2205

**▪ Friday, July 8 (Note special day and time)**

*Speaker:* Amanda Ruiz (Binghamton)

*Title:* An Explicit Construction of Final Polynomials for Non-Euclidean Oriented Matroids

*Time:* 1:00 - 3:00

*Room:* LN-2205

▪ **Friday-Saturday, July 15-16**

**DISCRETE MATHEMATICS DAY at St. Michael's College, near Burlington, Vermont**

with talks by Eric Swartz and Thomas Zaslavsky and poster presentations by some of our graduate students.

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Past Semesters: [Fall 2010](#) | [Spring 2010](#) | [Fall 2009](#) | [Spring 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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