

# The Combinatorics Seminar

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## FALL 2014

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Best Viewed With Any Browser

Directions to the department.

Organizers: Laura Anderson, Vaidy Sivaraman, and Thomas Zaslavsky.

### ▪ Tuesday, September 2

*Speaker:* Matthias Beck (San Francisco State)

*Title:* Permutation Descent Statistics via Polyhedral Geometry

*Time:* 1:15 - 2:15

*Room:* OW-100E

### ▪ Tuesday, September 9

*Speaker:* Vaidy Sivaraman (Binghamton)

*Title:* Princeton Workshop on Structure in Graphs and Matroids

*Time:* 1:15 - 2:15

*Room:* OW-100E

### ▪ Tuesday, September 16

*Speaker:* Vaidy Sivaraman (Binghamton)

*Title:* Princeton Workshop on Structure in Graphs and Matroids (continued)

*Time:* 1:15 - 2:15

*Room:* OW-100E

### ▪ Saturday, September 20

## DISCRETE MATHEMATICS DAY at Middlebury College's Bread Loaf Mountain Campus

### ▪ Tuesday, September 23

*Speaker:* Matthias Beck (San Francisco State)

*Title:* Growth Series of Cyclotomic and Root Lattices

*Time:* 1:15 - 2:15

*Room:* OW-100E

### ▪ Wednesday, September 24 (Note special day)

*Speaker:* Brian Davis (Kentucky)

*Title:* Unlabeling Graph Colorings and Acyclic Orientations

*Time:* 1:10 - 2:10 (Note special time)

*Room:* OW-100E

### ▪ Tuesday, September 30

*Speaker:* Laura Anderson (Binghamton)

*Title:* Covectors of Phased Matroids

*Time:* 1:10 - 2:10

*Room:* OW-100E

▪ **Tuesday, October 7**

*Speaker:* Laura Anderson (Binghamton)

*Title:* Covectors of Phased Matroids, Part 2

*Time:* 1:15 - 2:15

*Room:* OW-100E

▪ **Tuesday, October 14**

*Speaker:* Ting Su (Binghamton)

*Title:* Neighborliness in Edge Polytopes

*Time:* 1:15 - 2:15

*Room:* OW-100E

▪ **Tuesday, October 21**

No seminar today.

▪ ~~**Tuesday, October 28 Postponed**~~

*Speaker:* David Biddle (Binghamton)

*Title:* On the Connectivity of Graphs Associated with Sets of Generating Tuples of a Finite Group

*Time:* 1:15 - 2:15

*Room:* OW-100E

▪ **Tuesday, November 4 (joint with the Arithmetic and Geometry/Topology Seminars)**

*Speaker:* Emanuele Delucchi (Fribourg, Switzerland)

*Title:* Toric Arrangements – Towards Setting Up a Combinatorial Theory

*Time:* 1:15 - 2:15

*Room:* OW-100E

▪ **Tuesday, November 11**

*Speaker:* Melissa Fuentes (Binghamton)

*Title:* Acyclic Orientations of Bipartite Graphs and Their Linear Extensions

*Time:* 1:15 - 2:15

*Room:* OW-100E

▪ **Tuesday, November 18**

*Speaker:* Zhongshan Li (Georgia State)

*Title:* Sign Vectors of Subspaces of  $\mathbb{R}^n$  and Minimum Ranks of Sign Patterns

*Time:* 1:15 - 2:15

*Room:* OW-100E

▪ **Tuesday, November 25**

*Speaker:* Richard Behr (Binghamton)

Title: Acyclic Orientations of a Comparability Graph With the Most Linear Extensions

Time: 1:15 - 2:15

Room: OW-100E

▪ **Monday, December 1 (Colloquium)**

Speaker: Angelica Cueto (Columbia)

Title: Non-Archimedean Combinatorics

Time: 1:15 - 2:15

Room: OW-100E

▪ **Tuesday, December 2**

Speaker: David Biddle (Binghamton)

Title: On the Connectivity of Graphs Associated with Sets of Generating Tuples of a Finite Group

Time: 1:15 - 2:15

Room: OW-100E

▪ **Tuesday, December 2 (Colloquium)**

Speaker: Ruriko Yoshida (Kentucky)

Title: Markov Bases for the Toric Homogeneous Markov Chain Models

Time: 4:30 - 5:30

Room: OW-100E

▪ **Friday, December 5 (Colloquium)**

Speaker: Max Wakefield (U.S. Naval Academy)

Title: Coloring Partitions and Configuration Spaces

Time: 1:15 - 2:15

Room: OW-100E

▪ **Tuesday, December 9**

No meeting today.

▪ **Friday, December 12 (Colloquium)**

Speaker: Michael Dobbins (Center for Geometry and Its Applications (GAIA), Pohang)

Title: A Point in an  $nd$ -Polytope is the Barycenter of  $n$  Points in its  $d$ -Faces

Time: 1:15 - 2:15

Room: OW-100E

Past Semesters:

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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