

# The Combinatorics Seminar

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## SPRING 2019

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Best Viewed With Any Browser

Directions to the department.

Organizers: Laura Anderson, Michael Dobbins, Benjamin Schröter, and Thomas Zaslavsky.

### ▪ Tuesday, January 22

Organizational meeting

*Time:* 1:15 - 2:15

*Room:* WH-100E

### ▪ Tuesday, January 29

*Speaker:* Emanuele Delucchi (Freiburg)

*Title:* Stanley-Reisner Rings of Symmetric Simplicial Complexes

*Time:* 1:15 - 2:15

*Room:* WH-100E

### ▪ Tuesday, February 5

*Speaker:* Thomas Zaslavsky (Binghamton)

*Title:* Transitive Closure in Digraphs and Bidigraphs

*Time:* 1:15 - 2:15

*Room:* WH-100E

### ▪ Tuesday, February 12

Postponed on account of mean, evil (actually, not so much) weather.

### ▪ Tuesday, February 19

*Speaker:* Casey Donovan (Binghamton)

*Title:* The Covering Number of a Semigroup

*Time:* 1:15 - 2:15

*Room:* WH-100E

### ▪ Tuesday, February 26

*Speaker:* Benjamin Schroeter (Binghamton)

*Title:* Shortest Paths and Tropical Geometry

*Time:* 1:15 - 2:15

*Room:* WH-100E

### ▪ Tuesday, March 5

*Speaker:* Lauren Rose (Bard)  
*Title:* Module Bases for Integer Splines  
*Time:* 1:15 - 2:15  
*Room:* WH-100E

▪ **Tuesday, March 12**

This week's seminar is on Thursday.

▪ **Thursday, March 14 (note special day) (joint with the Geometry/Topology Seminar)**

*Speaker:* Mayank Goswami (Queens College, CUNY)  
*Title:* Computing Extremal Quasiconformal Mappings  
*Time:* 2:50 - 3:50 (note **special time**)  
*Room:* WH-100E

▪ **Tuesday, March 26 (joint with the Geometry/Topology Seminar)**

*Speaker:* Laura Anderson (Binghamton)  
*Title:* Homotopy Types of Combinatorial Grassmannians  
*Time:* 1:15 - 2:15  
*Room:* WH-100E

▪ **Tuesday, April 2**

*Speaker:* Jorn van der Pol (Waterloo)  
*Title:* Enumerating Matroids of Fixed Rank  
*Time:* 1:15 - 2:15  
*Room:* WH-100E

▪ Saturday, April 6

**DISCRETE MATHEMATICS DAY at U. Mass. Amherst**

▪ **Tuesday, April 9** (joint with the Colloquium)

*Speaker:* Gregory Warrington (Vermont)  
*Title:* Merry Deranging: Math and Gerryandering  
*Time:* 1:15 - 2:15  
*Room:* **CW (Student Wing) 112** (Note special room.)

▪ **Thursday, April 11** (joint with the Geometry/Topology Seminar)

*Speaker:* Matt Zaremsky (Albany)  
*Title:* Bestvina-Brady Morse theory on Vietoris-Rips complexes  
*Time:* 2:50 - 3:50  
*Room:* WH-100E

▪ **Tuesday, April 16**

*Speaker:* Joanna Ellis-Monaghan (Saint Michael's College)  
*Title:* New Dualities From Old: Generating Geometric, Petrie, and Wilson Dualities and Trialites of Ribbon Graphs  
*Time:* 1:15 - 2:15  
*Room:* WH-100E

**▪ Tuesday, April 23**

*Speaker:* Avery St. Dizier (Cornell)

*Title:* [Schubert Polynomials and Flow Polytopes](#)

*Time:* 1:15 - 2:15

*Room:* WH-100E

**▪ Tuesday, April 30**

*Speaker:* Alexander McDonough (Brown)

*Title:* [Chip-Firing on Simplicial Complexes and Matroids](#)

*Time:* 1:15 - 2:15

*Room:* WH-100E

**▪ Tuesday, May 7**

*Speaker:* Michael Dobbins (Binghamton)

*Title:* [Candidate Sets for the Art Gallery Problem](#)

*Time:* 1:15 - 2:15

*Room:* WH-100E

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## Anticipated Future Talks

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- *Speaker:* Daniel Slilaty (Wright State)
  - *Speaker:* Christopher Hanusa (Queens College)
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Past Semesters:

[Fall 2018](#) | [Spring 2018](#) | [Fall 2017](#) | [Spring 2017](#) | [Fall 2016](#) | [Spring-Summer 2016](#) | [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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