

# The Combinatorics Seminar

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## AUTUMN 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, August 27

*Speaker:* Thomas Zaslavsky (Binghamton)

*Title:* Anti-Fibonacci Numbers

*Time:* 1:15 - 2:15

*Room:* WH-100E

### ▪ Tuesday, September 3

*Speaker:* Michael Dobbins (Binghamton)

*Title:* When Conformal Maps Get Squished

*Time:* 1:15 - 2:15

*Room:* WH-100E

### ▪ Tuesday, September 10

*Speaker:* Benjamin Schroeter (Binghamton)

*Title:* Correlation Constants of Fields and Matroids

*Time:* 1:15 - 2:15

*Room:* WH-100E

### ▪ Tuesday, September 17

The seminar is on holiday today and cannot be contacted.

### ▪ Tuesday, September 24

*Speaker:* Ting Su (Hamburg)

*Title:* Classification of Stringent Hypergroups and Doubly Distributive Skew Hyperfields

*Time:* 1:15 - 2:15

*Room:* WH-100E

### ▪ Tuesday, October 1

Not today, thanks; it's a holiday.

### ▪ Tuesday, October 8

No seminar today; we're warming up for the weekend AMS meeting.

**▪ Saturday-Sunday, October 12-13****Fall Eastern Sectional Meeting of the American Mathematical Society**

Program page [here](#).

Special sessions of interest to combinatorics:

- Special Session on Algebraic Combinatorics
- Special Session on Oriented Matroids and Related Topics
- Special Session on Percolation, Random Graphs, and Random Geometry
- Special Session on Stochastic Evolution of Discrete Structures
- **Tuesday, October 15 (joint with the Geometry/Topology Seminar)**

*Speaker:* Emanuele Delucchi (Fribourg/Freiburg)

*Title:* Fundamental Polytopes of Metric Spaces via Parallel Connection of Matroids

*Time:* 1:15 - 2:15

*Room:* WH-100E

**▪ Tuesday, October 22**

*Speaker:* Ralph Morrison (Williams)

*Title:* Tropically Planar Graphs

*Time:* 1:15 - 2:15

*Room:* WH-100E

**▪ Tuesday, October 29** (first combinatorics lecture of the day)

*Speaker:* Olakunle Abawonse

*Title:* Euclidean Oriented Matroid Program and Extension Space

*Time:* 1:15 - 2:15

*Room:* WH-100E

**▪ Tuesday, October 29** (second combinatorics lecture of the day, joint with the Arithmetic Seminar)

*Speaker:* Jaiung Jun (SUNY New Paltz)

*Title:* The Hall Algebra of the Category of Matroids

*Time:* 4:15 - 5:15 (**Note the time!**)

*Room:* WH-100E

**▪ Tuesday, November 5**

No seminar today, while we recover from BUGCAT.

**▪ Tuesday, November 12**

Still recovering (?).

**▪ Saturday, November 16****DISCRETE MATHEMATICS DAY at Mt. Holyoke College****▪ Tuesday, November 19**

Oh, well, next week!

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

*Speaker:* Casey Donovan (Binghamton)

*Title:* [Counting Boxes: A Friendly Introduction to Fractal Dimension](#)

*Time:* 1:15 - 2:15

*Room:* WH-100E

**▪ Tuesday, December 3**

*Speaker:* Nicholas Lacasse (Binghamton)

*Title:* [Signed Graphs and Negative Bipartizability](#)

*Time:* 1:15 - 2:15

*Room:* WH-100E

**▪ Tuesday, December 10 (Note special time)**

*Speaker:* Benjamin Schroeter (Binghamton)

*Title:* [An Introduction to Polymake](#)

*Time:* 11:15 - 12:15

*Room:* WH-100E

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Past Semesters:

[Spring 2019](#) | [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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