

# The Combinatorics Seminar

## FALL 2005

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[Directions to the department.](#)

Organizers: [Laura Anderson](#), [Christopher Hanusa](#), and [Thomas Zaslavsky](#).

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- **Tuesday, September 13**

*Speaker:* Christopher Hanusa (Binghamton)

*Title:* [Matrix Types and Operations Arising in Matching Theory](#)

*Time:* 4:15 - 5:15

*Room:* LN-2205

- **Tuesday, September 20 (joint with the [Algebra Seminar](#))**

*Speaker:* Thomas Zaslavsky

*Title:* [Algebra of Tutte Functions](#)

*Time:* 2:50 - 3:50 (**Note unusual time.**)

*Room:* LN-2205

- **Tuesday, September 27**

*Speaker:* Christopher Hanusa (Binghamton)

*Title:* [A Gessel-Viennot-Type Method for Counting Disjoint Unions of Cycles in a Graph](#)

*Time:* 4:15 - 5:15

*Room:* LN-2205

- **Tuesday, October 11**

*Speaker:* Lucas Rusnak (Binghamton)

*Title:* [Transpedances and Kirchhoff's Laws in \(Di\)graphs](#)

*Time:* 4:15 - 5:15

*Room:* LN-2205

- **Tuesday, October 25**

*Speaker:* Curtis Greene (Haverford)

*Title:* [Words Avoiding a Reflexive Acyclic Relation](#)

*Time:* 4:15 - 5:15

*Room:* LN-2205

- **Tuesday, November 1**

*Speaker:* Cilanne Boulet (Cornell)

*Title:* [A Combinatorial Rogers-Ramanujan Proof](#)

*Time:* 4:15 - 5:15

*Room:* LN-2205

- **Tuesday, November 15**

*Speaker:* Kristin Camenga (Cornell)

*Title:* [Angle Sums on Polytopal Complexes](#)

*Time:* 4:15 - 5:15

*Room:* LN-2205

- **Tuesday, November 22**

Postponed to November 29.

- **Tuesday, November 29** (Postponed from November 22)

*Speaker:* Drew Armstrong (Cornell)

*Title:* [Catalan Combinatorics of Finite Coxeter Groups](#)

*Time:* 4:15 - 5:15

*Room:* LN-2205

- **Thursday, December 1, in the [Geometry and Topology Seminar](#)**

*Speaker:* Martin Kassabov (Cornell)

*Title:* Finite simple groups and expander graphs

*Time:* 2:50 - 3:50

- **Thursday, December 1 (Colloquium)**

*Speaker:* Sinai Robins (Temple)

*Title:* [Integer Linear Programming with the Use of Differentiable Dedekind Sums](#)

*Time:* 4:30 - 5:30

*Room:* LN-2205

- **Tuesday, December 6**

*Speaker:* Matthias Beck (San Francisco State Univ.)

*Title:* [Cyclotomic Polytopes and Growth Series of Cyclotomic Lattices](#)

*Time:* 4:15 - 5:15

*Room:* LN-2205

- **Tuesday, December 13**

*Speaker:* Lucas Rusnak (Binghamton)

*Title:* Squaring the Rectangle through Graphs (two talks)

*Times:* 2:00 - 3:00 and 3:15 - 4:15

*Room:* LN-2205 This is Mr. Rusnak's admission-to-candidacy examination. The committee consists of Laura Anderson, Marcin Mazur, and Thomas Zaslavsky (chairone). All are invited to attend.

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Past Semesters: [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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