

The Combinatorics Seminar

FALL 2005

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Directions to the department.

Organizers: Laura Anderson, Christopher Hanusa, and Thomas Zaslavsky.

- **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.

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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