

# The Combinatorics Seminar

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## SPRING and SUMMER 2005

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Best Viewed With Any Browser

Organizers: Laura Anderson and Thomas Zaslavsky.

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## Scheduled Talks in the Spring Semester

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### ▪ Thursday, February 3 (Colloquium)

*Speaker:* Mark Watkins (Syracuse)

*Title:* A Characterization of Infinite Planar Imprimitve Graphs

*Time:* 4:30 - 5:30

*Room:* LN-2205

### ▪ Thursday, February 10

*Speaker:* Thomas Zaslavsky (Binghamton)

*Title:* Quasipolynomials and their Convolution

*Time:* 1:15 - 2:15

*Room:* LN-2201

### ▪ Thursday, February 17

*Speaker:* Rigoberto Florez (Binghamton)

*Title:* Harmonic Conjugation in Harmonic Matroids

*Time:* 1:15 - 2:15

*Room:* LN-2201

### ▪ Thursday, February 24

*Speaker:* David Forge (Orsay and Binghamton)

*Title:* Orlik-Solomon Algebras and Other Algebras of Hyperplane Arrangements

*Time:* 1:15 - 2:15

*Room:* LN-2201

### ▪ Thursday, March 3

*Speaker:* Thomas Zaslavsky (Binghamton)

*Title:* Signed and Biased Graphs: A Survey

*Time:* 1:15 - 2:15

*Room:* LN-2205

### ▪ Thursday, March 10 (joint with the Algebra Seminar)

*Speaker:* Franco Saliola (Cornell)

*Title:* Face Algebras of Hyperplane Arrangements, Lattice Cohomology, and Quivers

*Time:* 1:15 - 2:15

*Room:* LN-2205

▪ **Thursday, March 17 (joint with the Algebra Seminar)**

*Speaker:* Lauren Rose (Bard College)

*Title:* Algebraic Combinatorics of Piecewise Polynomials

*Time:* 1:15 - 2:15

*Room:* LN-2205

▪ **Thursday, March 31**

*Speaker:* Cristina Ruiz (Binghamton)

*Title:* A Stratification of the Middle-level MacPhersonian

*Time:* 1:15 - 2:15

*Room:* LN-2205

▪ **Thursday, April 7 (Colloquium)**

**CANCELLED**

*Speaker:* Vladislav Goldberg (New Jersey Institute of Technology)

*Title:* Solution of Blaschke's Problem on the Linearization of Planar Webs

*Time:* 4:30 - 5:30

*Room:* LN-2205

▪ **Thursday, April 14 (Colloquium)**

*Speaker:* Jack Graver (Syracuse)

*Title:* When Does a Curve Bound a Distorted Disk?

*Time:* 4:30 - 5:30

*Room:* LN-2205

▪ **Friday, April 22**

*Speaker:* Bruce Sagan (Michigan State)

*Title:* GCD Determinants

*Time:* 2:20 - 3:20

*Room:* LN-2205

▪ **Friday, April 22 (Colloquium)**

*Speaker:* Bruce Sagan (Michigan State)

*Title:* Congruences for Combinatorial Sequences

*Time:* 4:40 - 5:40

*Room:* LN-2205

▪ **Thursday, May 5 (Colloquium)**

*Speaker:* Robert Connelly (Cornell)

*Title:* The Kneser-Poulsen Conjecture in the Plane

*Time:* 4:30 - 5:30

Room: LN-2205

▪ **Tuesday, May 10**

*Speaker:* Alice Dean (Skidmore)

*Title:* Characterizations of Unit-Bar Visibility Graphs

*Time:* 2:00 - 3:00 (**note unusual time**)

*Room:* LN-1402 (**note unusual room**)

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## Scheduled Talks in the Summer

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▪ **Wednesday, June 8**

*Speaker:* Greg Kuperberg (University of California at Davis and Cornell University)

*Title:* Numerical Cubature from Geometry and Coding Theory

*Time:* 11:00 - 12:00

*Room:* LN-2205

▪ **Monday, June 27**

*Speaker:* N.M. Singhi (Tata Institute)

*Title:* Studying t-Designs and Other Families of Subsets of a Finite Set Algebraically

*Time:* 11:00 - 12:00 (**Note unusual time.**)

*Room:* LN-2205

▪ **Thursday, July 14**

*Speaker:* Rigoberto Flórez

*Title:* Four Studies in the Geometry of Biased Graphs

*Time:* 1:00 - 2:15 and 3:00 - 3:30

*Room:* LN-2205 This talk is the public part of Mr. Flórez's thesis defense. The committee is Thomas Zaslavsky (chair), Laura Anderson, Marcin Mazur, and Gary Gordon (Lafayette College). All persons are welcome to attend the talk.

▪ **Friday, July 15**

*Speaker:* Gary Gordon (Lafayette College)

*Title:* Symmetries of the Icosahedral Matroid

*Time:* 11:00 - 12:00

*Room:* LN-2205

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Past Semesters: [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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