

# The Combinatorics and Number Theory Seminar

## FALL 2002

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Organizers: [Laura Anderson](#), [Matthias Beck](#), and [Thomas Zaslavsky](#).

### • Wednesday, September 4

*Speaker:* Thomas Zaslavsky (Binghamton)

*Title:* [The Circle Test for Balance of a Gain Graph](#)

### • Monday, September 9

*Speaker:* Maria Chudnovsky (Princeton University)

*Title:* [Strong Perfect Graph Theorem](#)

*Time:* 4:40 - 5:40

*Room:* LN-2205

### • Wednesday, September 18

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

*Title:* Algebraic Aspects of Web Geometry

*Time:* 3:30 - 4:30 (**Note special time.**)

*Room:* LN-2201 (**Note special room.**)

### • Thursday, September 19: [Colloquium](#)

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

*Title:* [Web Geometry: Past, Present and Future](#)

*Time:* 4:30 - 5:30

*Room:* LN-2205

### • Friday, September 27 (**Note special day.**)

*Speaker:* Sinai Robins (Temple University)

*Title:* An Interplay Between Number Theory and Computer Graphics, via Texture Maps

### • Thursday, October 3 (joint with the [Geometry and Topology Seminar](#))

*Speaker:* Jeff Johannes (SUNY Geneseo)

*Title:* [The Casson-Walker-Lescop Invariant and Unlinking](#)

*Time:* 2:50 - 3:50

*Room:* LN-2205

• **Wednesday, October 9**

*Speaker:* Richard Ehrenborg (University of Kentucky)

*Title:* [Lifting Inequalities for Polytopes](#)

• **Monday, October 14 (Note special day.)**

*Speaker:* Joanna Ellis-Monaghan (St. Michael's College)

*Title:* [Generalized Transitions and the Tutte Polynomial](#)

*Time:* 4:40 - 5:40

*Room:* LN-2205

• **Monday, October 21 (Note special day.)**

*Speaker:* Daniel T. Russo (Dickinson College)

*Title:* [Conjugation in the Theory of Hecke Correspondence](#)

*Time:* 4:40 - 5:40

*Room:* LN-2205

• **Monday, October 28 (Note special day.)**

*Speaker:* Louis Billera (Cornell)

*Title:* [An Alpine View of Enumeration in Hyperplane Arrangements](#)

*Time:* 4:40 - 5:40

*Room:* LN-2205

• **Wednesday, October 30**

*Speaker:* Seth Chaiken (SUNY Albany)

*Title:* [From the Matrix Tree Theorem through Oriented Matroids to an Extensor-Valued Tutte-Grothendieck Invariant That Solves Electrical Problems](#)

• **Thursday, October 31: Colloquium**

*Speaker:* Stephen Yau (University of Illinois at Chicago)

*Title:* [Counting the Number of Integral Points in an n-Dimensional Tetrahedron and its Applications](#)

*Time:* 4:30 - 5:30

*Room:* LN-2205

• **Tuesday, November 12 (Note special day.)**

*Speaker:* Wladimir de Azevedo Pribitkin (Haverford College)

*Title:* [Kloosterman Sums](#)

*Time:* 4:30 - 5:30

*Room:* LN-2205

**• Monday, November 18 (Note special day.)**

*Speaker:* Thomas Zaslavsky (Binghamton)

*Title:* [Inside-Out Polytopes](#)

*Time:* 4:40 - 5:40

*Room:* LN-2205

**• Tuesday, December 10 (joint with the [Algebra Seminar](#)) (Note special day and time.)**

*Speaker:* Lori Koban

*Title:* [Supersolvable Geometric Lattices](#)

This talk is part I of Ms. Koban's candidacy exam. All are welcome to attend. The examining committee consists of Laura Anderson, Matthias Beck, and Thomas Zaslavsky.

*Time:* 2:50-3:50

*Room:* LN-2205

**• Wednesday, December 11**

*Speaker:* Lori Koban

*Title:* [Supersolvable Matroids of Biased Graphs](#)

This talk is part II of Ms. Koban's candidacy exam. All are welcome to attend. The examining committee consists of Laura Anderson, Matthias Beck, and Thomas Zaslavsky.

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Past Semesters: [Spring 2002](#) | [Fall 2001](#) | [Spring 2001](#) | [Fall 2000](#) | [Spring 2000](#) | [Fall 1999](#) | [Spring 1999](#) | [Fall 1998](#)

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