

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.

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

Departmental home page.

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