

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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Last update: **2020/01/29 19:03**

