

The Combinatorics and Number Theory Seminar

FALL 2003

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Organizers: [Laura Anderson](#), [Marcin Mazur](#), and [Thomas Zaslavsky](#).

• **Wednesday, September 10 Colloquium**

Speaker: Jeff Kahn (Rutgers)

Title: [Long Range Effects in the Hard-Core and Related Models](#)

Time: 3:30 - 4:30

Room: LN-2205

• **Wednesday, September 17**

Speaker: Thomas Zaslavsky (Binghamton)

Title: [Biased Expansion Graphs and their Cryptomorphisms](#)

Time: 3:30 - 4:30

Room: LN-2205

• **Wednesday, September 24**

Speaker: Lori Koban (Binghamton)

Title: [How to Characterize Matroid Circuit Signatures by Modular Triples](#)

Time: 3:30 - 4:30

Room: LN-2205

• **Wednesday, October 1**

Speaker: Lori Koban (Binghamton)

Title: [Using Gains to Lift Ternary Matroids](#)

Time: 3:30 - 4:30

Room: LN-2205

• **Wednesday, October 8**

No seminar, in preparation for Discrete Math Day on Friday.

• **Friday, October 10**

[N.E. Discrete Mathematics Day](#)

• **Saturday-Sunday, October 11-12**

[AMS Eastern Sectional Meeting](#)

with combinatorial special sessions.

• **Monday, October 13 (Note special day.)**

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

Title: [Problems from the Edge-Graph Theoretical Approaches to Computer Chip Design](#)

Time: 3:30 - 4:30

Room: LN-2205

• **Thursday, October 16 (joint with the [Geometry and Topology Seminar](#))**

Speaker: Woong Kook (University of Rhode Island)

Title: [Homology of Cycle Matroids of Complete Graphs](#)

Time: 2:50 - 3:50

Room: LN-2205

• **Wednesday, October 22**

Speaker: Thomas Zaslavsky (Binghamton)

Title: [Biased Expansion Graphs, Multary Quasigroups, and the Associative Law \(with Proofs\), Part I \(of III\): Examples, Questions, Assertions](#)

Time: 3:30 - 4:30

Room: LN-2205

• **Wednesday, October 29**

Speaker: Thomas Zaslavsky (Binghamton)

Title: [Biased Expansion Graphs, Multary Quasigroups, and the Associative Law \(with Proofs\), Part II: Fundamental Theorems and Proofs](#)

Time: 3:30 - 4:30

Room: LN-2205

• **Thursday, October 30 [Colloquium](#)**

Speaker: Tomaž Pisanski (University of Ljubljana and Colgate University)

Title: [Growth in Free Products with Amalgamations of Rooted Graphs](#)

Time: 4:30 - 5:30

Room: LN-2205

• **Tuesday, November 4 (joint with the [Algebra Seminar](#)) (Note special day.)**

Speaker: Thomas Zaslavsky (Binghamton)

Title: [The Associative Law for Groups](#)

Time: 2:50 - 3:50

Room: LN-2205

• **Wednesday, November 5**

Speaker: Thomas Zaslavsky (Binghamton)

Title: [Biased Expansion Graphs, Multary Quasigroups, and the Associative Law \(with Proofs\), Part III: Consequences for Biased Expansions and Multary Quasigroups](#)

Time: 4:40 - 5:40 (note special time)

Room: LN-2205

• **Monday, November 10 (Note special day.)**

Speaker: Matthias Beck (MSRI)

Title: [Coefficients and Roots of Ehrhart Polynomials](#)

Time: 3:30 - 4:30

Room: LN-2201 (note special room)

• **Monday, November 24 (Note special day.)**

Speaker: Pavle Blagojevic (University of Belgrade)

Title: [How to Complicate a ``Simple'' Problem: Computational Topology of Equivariant Maps from Spheres to Complements of Arrangements](#)

Time: 3:30 - 4:30

Room: LN-2205

• **Wednesday, December 3**

Speaker: Thomas Zaslavsky (Binghamton)

Title: [Hyperplane Arrangements](#)

Time: 3:30 - 4:30

Room: LN-2205

• **Thursday, December 4 [Geometry/Topology Seminar](#)**

Speaker: Kai-Uwe Bux (Cornell)

Title: [Braiding the Chessboard Complex](#)

Time: 2:50 - 3:50

Room: LN-2205

• **Thursday, December 11 [Colloquium](#)**

Speaker: Tomaž Pisanski (University of Ljubljana and Colgate University)

Title: [Representations of Graphs and Related Combinatorial Structures](#)

Time: 4:30 - 5:30

Room: LN-2205

Past Semesters: [Spring 2003](#) | [Fall 2002](#) | [Spring 2002](#) | [Fall 2001](#) | [Spring 2001](#) | [Fall 2000](#) | [Spring 2000](#) |

[Fall 1999](#) | [Spring 1999](#) | [Fall 1998](#)

[Departmental home page.](#)

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