

The Combinatorics and Number Theory Seminar

Current Semester and Home Page

FALL 2001

Best Viewed With Any Browser

Organizers: Laura Anderson, Matthias Beck, and Thomas Zaslavsky.

▪ **Wednesday, September 5**

Speaker: Thomas Zaslavsky (Binghamton)

Title: Weird Stuff About Sperner's Theorem

▪ **Thursday, September 6** (jointly with the [Geometry/Topology Seminar](#))

Speaker: Laura Anderson (Binghamton)

Title: Topology of oriented matroids

Time: 2:50 - 3:50

Room: LN-2205

▪ **Wednesday, September 12**

Speaker: Matthias Beck (Binghamton)

Title: [A short, generalizable, and q-analogizable proof of Meshalkin's generalization of Sperner's theorem on componentwise antichains](#)

▪ **Wednesday, September 19**

No meeting (school holiday)

▪ **Tuesday, September 25** (jointly with the [Geometry/Topology Seminar](#))

Speaker: Laura Anderson (Binghamton)

Title: Prospects in combinatorial differential manifolds and matroid bundles

Time: 4:30 - 5:30

Room: LN-2205

▪ **Wednesday, September 26**

No meeting (school holiday)

▪ **Wednesday, October 3**

Speaker: Alina Vdovina (Binghamton)

Title: Eulerian Paths in Cubic Graphs, and Their Applications

▪ Wednesday, October 10

Speaker: Steven Dougherty (University of Scranton)

Title: A Coding-Theoretic Proof of a Part of the Bruck-Ryser Theorem

▪ Thursday, October 11 (jointly with the Geometry/Topology Seminar)

Speaker: Alina Vdovina (Binghamton)

Title: Combinatorial Structure of Some Hyperbolic Buildings

Time: 2:50 - 3:50

Room: LN-2205

▪ Wednesday, October 17

Speaker: Steve Tedford (Binghamton)

Title: Branching Greedoids of Mixed Graphs

▪ Thursday, October 18: Colloquium

Speaker: Marvin Knopp (Temple)

Title: On the Signs of the Coefficients of Modular Forms

Time: 4:30 - 5:30

Room: LN-2205

▪ Wednesday, October 24

No seminar today. See colloquium talk tomorrow.

▪ Thursday, October 25: Colloquium

Speaker: Carl Pomerance (Univ. of Georgia and Bell Labs)

Title: Carmichael's Function

Time: 4:30 - 5:30

Room: LN-2205

▪ Tuesday, October 30 (*Note special day and time!*)

Speaker: Frank Sottile (U. Mass. at Amherst)

Title: The Malvenuto-Reutenauer Hopf Algebra of Permutations

Time: 4:30-5:30

Room: LN-2205

▪ Wednesday, November 7

No seminar today. See colloquium talk tomorrow.

▪ Thursday, November 8: Colloquium

Speaker: Matthias Beck (Binghamton)

Title: On the Number of ``Magic Squares''

Time: 4:30 - 5:30

Room: LN-2205

▪ Wednesday, November 14

Speaker: Sue Whitesides (McGill and Cornell Universities)

Title: Embedding Problems for Paths and Cycles with Direction-Constrained Edges

▪ Thursday, November 15: Colloquium

Speaker: Thomas Zaslavsky (Binghamton)

Title: //Secrets// of Biased Graphs //Revealed!//

Time: 4:30 - 5:30

Room: LN-2205

▪ Wednesday, November 28

Speaker: Elizabeth McMahon (Lafayette College)

Title: Polynomials on Greedoids and Antimatroids

▪ Wednesday, December 5

Speaker: Timothy Y. Chow (Tellabs Research Center)

Title: The Ring Grooming Problem: Combinatorial Optimization in Modern Telecommunications Networks

▪ Thursday, December 13: Colloquium

Speaker: Stan Wagon (Macalester College)

Title: A Computational View of the Four-Color Theorem: A Resuscitation of a Famous False Proof

Time: 4:30 - 5:30

Room: LN-2205

▪ Friday, December 14 (SPECIAL LECTURE! Note special day and time.)

Speaker: Joseph P.S. Kung (Univ. of North Texas)

Title: Goncharov Polynomials and Parking Functions

Time: 4:30 - 5:30

Room: LN-2205

▪ Wednesday, December 19

Speaker: Daniel Siliaty (Wright State Univ.)

Title: An Algebraic Characterization of Projective Planarity of Graphs

Departmental home page.

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