

The Combinatorics Seminar

SPRING & SUMMER 2009

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Directions to the department.

Organizers: Laura Anderson, Emanuele Delucchi, and Thomas Zaslavsky.

SPRING 2009

The usual day, time, and place are:

Tuesdays, 1:15 - 2:15, in

Room **LN-2205**,

with coffee, tea, and cookies at 3:45 in the Anderson Room, LN-2207.

Some meetings will be at other times, e.g., when joint with other seminars.

▪ Tuesday, January 26

Organizational Meeting

Time: 1:15 - 1:45

Room: LN-2205

▪ Friday, January 30 (Note special day)

Speaker: Lucas Rusnak (Binghamton)

Title: Multi-Directed Hypergraph Representations of $\{0, +1, -1\}$ -Matrices

Time: 4:45 - 5:45 (**Note special time**)

Room: LN-2206 (**Note special room**)

▪ Tuesday, February 3

Speaker: Lucas Sabalka (Binghamton)

Title: Projection-Forcing Multisets of Weight Changes

Time: 1:15 - 2:15

Room: LN-2205

▪ Tuesday, February 10

Speaker: Garry Bowlin (Binghamton)

Title: Maximum Frustration in Signed Complete Bipartite Graphs

Time: 1:15 - 2:15

Room: LN-2205

▪ **Tuesday, February 17**

No seminar.

▪ **Tuesday, February 24**

Speaker: Laura Anderson (Binghamton)

Title: Face Enumeration in Simplicial Complexes

Time: 1:15 - 2:15

Room: LN-2205

▪ **Tuesday, March 3**

Speaker: Laura Anderson (Binghamton)

Title: f-Vectors of Barycentric Subdivisions

Time: 1:15 - 2:15

Room: LN-2205

▪ **Tuesday, March 10**

Speaker: Thomas Zaslavsky (Binghamton)

Title: Eight Queens and More

Time: 1:15 - 2:15

Room: LN-2205

▪ **Tuesday, March 17**

Speaker: Andy Fromader (Cornell)

Title: The Charney-Davis Conjecture for Certain Spheres

Time: 1:15 - 2:15

Room: LN-2205

▪ **Tuesday, March 24**

No seminar.

▪ **Tuesday, March 31**

Speaker: Emanuele Delucchi (Binghamton)

Title: The 15 Puzzle on an Arbitrary Graph

Time: 1:15 - 2:15

Room: LN-2205

▪ **Tuesday, April 7**

No seminar.

▪ **Tuesday, April 14**

Speaker: Luise-Charlotte Kappe (Binghamton)

Title: On the Covering Number of Symmetric and Alternating Groups: An Exercise in Combinatorial Optimization

Time: 1:15 - 2:15

Room: LN-2205

▪ **Tuesday, April 21**

No seminar.

▪ **Tuesday, April 28**

Speaker: Louis Billera (Cornell)

Title: The Enumerative Combinatorial Geometry of Coxeter Groups

Time: 1:15 - 2:15

Room: LN-2205

▪ **Tuesday, May 5**

Speaker: Christino Tamon (Clarkson)

Title: Mixing of Quantum Walks on Graphs

Time: 1:15 - 2:15

Room: LN-2205

▪ **Thursday, May 7**

Speaker: Jackie Kaminski

Title: Flows on Graphs, and Related Topics: I

Time: 11:40 - 12:40

Room: LN-2201

▪ **Friday, May 8**

Speaker: Jackie Kaminski

Title: Flows on Graphs, and Related Topics: II

Time: 10:50-11:50

Room: LN-2201

▪ **Tuesday, May 12** (Colloquium talk)

Speaker: Chris Godsil (Waterloo)

Title: Quantum Physics and Algebraic Graph Theory

Time: 1:20 - 2:20

Room: LN-2205

▪ **Tuesday, May 12**

Speaker: Chris Godsil (Waterloo)

Title: Erdős-Ko-Rado Theorems

Time: 4:30 - 5:30

Room: LN-2206

SUMMER 2009

▪ Friday, July 24

Speaker: Garry Bowlin (Binghamton)

Title: Maximum Frustration of Bipartite Signed Graphs

Time: 1:00 - 3:00 (with break)

Room: LN-2205 This lecture is the Ph.D. thesis defense of Mr. Bowlin. His examining committee is Laura Anderson, Steven Dougherty (University of Scranton), Fernando Guzman, and Thomas Zaslavsky (chair). Everyone is welcome to attend.

Past Semesters: [Fall 2008](#) | [Spring 2008](#) | [Fall 2007](#) | [Spring 2007](#) | [Fall 2006](#) | [Spring 2006](#) | [Fall 2005](#) | [Spring 2005](#) | [Fall 2004](#) | [Spring 2004](#) | [Fall 2003](#) | [Spring 2003](#) | [Fall 2002](#) | [Spring 2002](#) | [Fall 2001](#) | [Spring 2001](#) | [Fall 2000](#) | [Spring 2000](#) | [Fall 1999](#) | [Spring 1999](#) | [Fall 1998](#)

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