

The Combinatorics Seminar

FALL 2010

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Directions to the department.

Organizers: Laura Anderson, Eric Swartz, and Thomas Zaslavsky.

▪ Tuesday, August 31

Organizational meeting

Time: 1:15 - 1:35

Room: LN-2205

▪ Tuesday, September 14

Speaker: Thomas Zaslavsky (Binghamton)

Title: Nonattacking Chess Pieces: The Dance of the Bishops

Time: 1:15 - 2:15

Room: LN-2205

▪ Tuesday, September 21

Speaker: Laura Anderson (Binghamton)

Title: Oriented Matroids in Psychology

Time: 1:15 - 2:15

Room: LN-2205

▪ Tuesday, September 28

Speaker: Eric Swartz (Binghamton)

Title: Polygonal Graphs

Time: 1:15 - 2:15

Room: LN-2205

▪ Monday, October 4

Speaker: Alexander Engström (Berkeley)

Title: Polytopes from Subgraph Statistics

Time: 3:30 - 4:30

Room: LN-2206

▪ Tuesday, October 5

Speaker: Emanuele Delucchi (Bremen)

Title: Face Polynomials of Barycentric Subdivisions

Time: 1:15 - 2:15

Room: LN-2205

▪ **Wednesday, October 6**

Speaker: David Forge (Orsay)

Title: No-Broken-Circuit Sets of Truncated Affine Arrangements

Time: 3:30 - 4:30

Room: LN-2206

▪ **Tuesday, October 12**

Speaker: Garry Bowlin (Binghamton)

Title: Linear Programming Decoding and Signed Graphs

Time: 1:15 - 2:15

Room: LN-2205

▪ **Tuesday, October 19**

Speaker: Patricia Hersh (North Carolina State and Cornell)

Title: Stembridge's Phenomenon of Generating Polynomials at $q = -1$: An Explanation by Concentrating the Homology

Time: 1:15 - 2:15

Room: LN-2205

▪ **Tuesday, October 26**

Speaker: Thomas Zaslavsky (Binghamton)

Title: Graph Eigenvalues and Energies

Time: 1:15 - 2:15

Room: LN-2205

▪ **Tuesday, November 2 (joint with the Algebra Seminar)**

Speaker: Saúl Blanco (Cornell)

Title: The Poset of Shortest Paths in an Interval of the Bruhat Order

Time: 1:15 - 2:15

Room: LN-2205

▪ **Tuesday, November 9**

Speaker: Nathan Reff (Binghamton)

Title: A Ramble Around Graphic Eigenvalues

Time: 1:15 - 2:15

Room: LN-2205

▪ **Tuesday, November 16**

Speaker: Steven Dougherty (Scranton)

Title: Coding Theory as Pure Mathematics

Time: 1:15 - 2:15

Room: LN-2205

▪ **Tuesday, November 23**

No meeting. Have a good holiday.

▪ **Tuesday, November 30**

Speaker: Thomas Zaslavsky (Binghamton)

Title: Extreme Eigenvalue of a Super Line Multigraph

Time: 1:15 - 2:15

Room: LN-2205

▪ **Tuesday, December 7**

Speaker: Simon Joyce (Binghamton)

Title: Two-Graphs Walk Into a Bar: Generalizing Social Networks

Time: 1:15 - 2:15

Room: LN-2205

▪ **Monday, December 13**

Speaker: Ryan McCulloch (Binghamton)

Title: Conservation, Potentials, and the Postman Structure of Graphs

Time: 12:00 - 1:00 (Note special time.)

Room: LN-2201 (Note special room.)

Past Semesters: [Spring 2010](#) | [Fall 2009](#) | [Spring 2009](#) | [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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