

The Combinatorics Seminar

SPRING 2012

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Directions to the department.

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

▪ **Tuesday, January 31**

Organizational meeting

Time: 1:15 - 2:15

Room: LN-2205

▪ **Tuesday, February 7**

Speaker: Laura Anderson (Binghamton)

Title: Extension Spaces of Oriented Matroids

Time: 1:15 - 2:15

Room: LN-2205

▪ **Tuesday, February 14**

Speaker: Amanda Ruiz (Binghamton)

Title: Final Polynomials for Non-Realizable Oriented Matroids

Time: 1:15 - 2:15

Room: LN-2205

▪ **Tuesday, February 21**

Speaker: Amanda Ruiz (Binghamton)

Title: A Final Polynomial for Every Non-Euclidean Oriented Matroid

Time: 1:15 - 2:15

Room: LN-2205

▪ **Tuesday, February 28**

Speaker: Simon Joyce (Binghamton)

Title: An Introduction to Boolean Regulatory Networks

Time: 1:15 - 2:15

Room: LN-2205

▪ **Tuesday, March 6**

Speaker: Simon Lepkin (Binghamton)

Title: Solid Angles

Time: 1:15 - 2:15

Room: LN-2205

▪ **Tuesday, March 13**

Speaker: Kaitlin Reissig (Binghamton)

Title: The Rectilinear Art Gallery Theorem

Time: 1:15 - 2:15

Room: LN-2205

▪ **Tuesday, March 20**

Speaker: Yash Lodha (Cornell, ex Binghamton)

Title: Cube Complexes and Subgroups of Hyperbolic Groups

Time: 1:15 - 2:15

Room: LN-2205

▪ **Tuesday, March 27**

Combinatorics Holiday

▪ **Tuesday, April 10**

Speaker: Anna Bertiger (Cornell)

Title: The Combinatorics of the Action of the Symplectic Group on Flags in C^{2n}

Time: 1:15 - 2:15

Room: LN-2205

▪ **Tuesday, April 17**

Speaker: Eric Swartz (Binghamton)

Title: Lifting Automorphisms of Finite Graphs

Time: 1:15 - 2:15

Room: LN-2205

▪ **Tuesday, April 24**

Speaker: Eric Swartz (Binghamton)

Title: Lifting Automorphisms of Finite Graphs, II

Time: 1:15 - 2:15

Room: LN-2205

▪ **Thursday, April 26 (Note special day and time.)**

Speaker: Lowell Abrams (Geo. Washington Univ.)

Title: Cellular Automorphisms of Surfaces and Self-Duality

Time: 4:30 - 5:30

Room: LN-2205

▪ **Friday, April 27 (Note special day and time.)**

Speaker: Nathan Reff (Binghamton)

Title: Gain Graphs, Group-Oriented Hypergraphs, and Matrices

Time: 1:10 - 2:50

Room: LN-2205

▪ **Saturday, April 28**

GRAPH THEORY DAY SIXTY THREE
at Fairleigh Dickinson University

Time: 10:30 - 4:30. See the initial program, with invited speakers. Contributed talks are invited.

▪ **Tuesday, May 1**

Speaker:

Title:

Time: 1:15 - 2:15

Room: LN-2205

▪ **Wednesday, May 2 (Note special day and time.)**

Speaker: Kai Fong Ernest Chong (Cornell)

Title: A Generalization of the Colored Kruskal-Katona Theorem

Time: 2:20 - 3:20

Room: LN-2205

▪ **Tuesday, May 8**

Speaker: Dan Klain (University of Massachusetts Lowell)

Title: Volume Bounds for Shadow Covering

Time: 1:15 - 2:15

Room: LN-2205

Past Semesters:

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|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|-----------|-------------|-----------|
| Fall 2011 | Spring-Summer 2011 | Fall 2010 | Spring-Summer 2010 | Fall 2009 | Spring-Summer 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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