Past ACO-Related Events

All ACO-related seminars and colloquia are listed in detail on the [School of Mathematics seminar page](#).

[[Pre-Fall2000 Events]   [[Events Home]

[[January] [[February] [[March] [[April] [[May] [[June] [[July] [[August] [[September] [[October] [[November] [[December]

- **Friday, September 23rd, 2005**
  Benny Sudakov, Mathematics, Princeton University
  Additive Approximation for Edge-Deletion Problems *[link]*
     (*ACO Colloquium*)
  4:05, Skiles 255
- **Wednesday, September 7th, 2005**
  Ashish Goel, Stanford University
  Algorithmic Self-Assembly: Models and Problems *[link]*
     (*ACO Colloquium*)
  11:05, Skiles 255
- **Friday, November 12th, 2004**
  Speaker: Elchanan Mossel, Statistics, University of California, Berkeley
  Title: On Sensitivity and Chaos *[link]*
     (*Combinatorics Seminar*)
  4:00PM-5:00PM, Skiles 269
- **Friday, November 5, 2004**
  Alan Frieze, Carnegie Mellon University
  One and two stage minimum spanning tree problems: average >> *[link]*
     (*ACO Colloquium*)
  4:00pm, Skiles 269
- **Friday, October 29th, 2004**
  Belá Bollobás, University of Memphis, TN and Fellow of >>
  Voronoi Percolation *[link]*
     (*ACO Colloquium*)
  4:00pm, Skiles 269
- **Tuesday, October 26th, 2004**
  Speaker: Daniel Kral, Charles University, Prague
  Title: The circular chromatic index of graphs of high >> *[link]*
     (*Combinatorics Seminar*)
  11:00AM-12:00PM, Skiles 255
- **Friday, October 22nd, 2004**
  Speaker: Serguei Norine, School of Mathematics, Georgia Tech
  Title: Pfaffian graphs, T-joins and Crossing Numbers *[link]*
     (*Combinatorics Seminar*)
  4:00PM-5:00PM, Skiles 269
- **Tuesday, October 19th, 2004**
  Speaker: Hal Kierstead, Department of Mathematics, Arizona State University
  Title: Dominating Sets in k-Majority Tournaments *[link]*
     (*Combinatorics Seminar*)
  11:00AM-12:00PM, Skiles 255
- **Friday, October 15th, 2004**
  Speaker: Ernie Croot, School of Mathematics, Georgia Tech
  Title: The Square Dependence Problem *[link]*
     (*Combinatorics Seminar*)

4:00PM-5:00PM, Skiles 269
- **Friday, October 8th, 2004**
  Speaker: Tom Hayes, Computer Science Division, University of California, >>
  Title: *An almost-sure polynomial bound on the diameter of >>* *[link]*
    (*Combinatorics Seminar*)
  4:00PM-5:00PM, Skiles 269
- **Friday, October 1st, 2004**
  Speaker: Doron Zeilberger, Department of Mathematics, Rutgers University
  Title: *How Adam Marcus and Gabor Tardos Divided and >>* *[link]*
    (*Combinatorics Seminar*)
  4:00PM-5:00PM, Skiles 269
- **Friday, September 24th, 2004**
  Speaker: Jim Geelen, Combinatorial Optimization, University of Waterloo
  Title: *Non-zero A-paths* *[link]*
    (*Combinatorics Seminar*)
  4:00PM-5:00PM, Skiles 269
- **Abstract: This talk is intended as a "precolloquium" for the upcoming colloquium on September 23 and will be accessible to a general mathematics audience.**
  Speaker: Adam Marcus, School of Mathematics, Georgia Tech
  Title: *The Theory of Excluded Matrices* *[link]*
    (*Combinatorics Seminar*)
  4:00PM-5:00PM, Skiles 269
- **Friday, September 10th, 2004**
  Speaker: Ravi Montenegro, School of Mathematics, Georgia Tech
  Title: *New Cheeger bounds on eigenvalues of Markov chains* *[link]*
    (*Combinatorics Seminar*)
  4:00PM-5:00PM, Skiles 269
- **Friday, August 20th, 2004**
  Speaker: Ernie Croot, School of Mathematics, Georgia Tech
  Title: *On J. Bourgain, N. Katz, and T. Tao's >>* *[link]*
    (*Combinatorics Seminar*)
  4:05PM-5:00PM, Skiles 269
- **Friday, April 23rd, 2004**
  Speaker: Anurag Singh, School of Mathematics, Georgia Tech
  Title: *Finiteness properties of local cohomology modules* *[link]*
    (*Combinatorics Seminar*)
  3:00PM-4:00PM, Skiles 255
- **Friday, April 16th, 2004**
  Speaker: Christian Elsholtz, Department of Mathematics, Royal Holloway, University >>
  Title: *Combinatorial Prime Number Theory* *[link]*
    (*Combinatorics Seminar*)
  3:00PM-4:00PM, Skiles 255
- **Friday, April 9th, 2004**
  Speaker: Beifang Chen, Department of Mathematics, Hong Kong University >>
  Title: *On the finiteness of graphs embedded on a >>* *[link]*
    (*Combinatorics Seminar*)
  3:00PM-4:00PM, Skiles 255
- **Friday, March 26th, 2004**
  Speaker: Dhruv Mubayi, Department of Mathematics, Statistics, and Computer >>
  Title: *New developments in extremal hypergraph theory* *[link]*
    (*Combinatorics Seminar*)
  3:00PM-4:00PM, Skiles 255
- **Tuesday, March 16th, 2004**
  Speaker: Martin Loebl, Department of Applied Mathematics, Charles University
  Title: *Geometric chromatic function and colored Jones polynomial* *[link]*

  (Combinatorics Seminar)
  11:00AM-12:00PM, Skiles 255

- **Friday, March 5th, 2004**
  Speaker: Henning Bruhn, University at Hamburg,
  Title: Duality for locally finite graphs *[link]*
    (Combinatorics Seminar)
  3:00PM-4:00PM, Skiles 255

- **Friday, February 27th, 2004**
  Speaker: R. Canfield, Computer Science Department, University of Georgia
  Title: Integer Partitions and the Sperner Property *[link]*
    (Combinatorics Seminar)
  3:00PM-4:00PM, Skiles 255

- **Friday, February 20th, 2004**
  Speaker: Peter Horak, Mathematics, University of Washington
  Title: Graph Theory as an Integral Part of Mathematics *[link]*
    (Combinatorics Seminar)
  3:00PM-4:00PM, Skiles 255

- **Friday, February 13th, 2004**
  Speaker: Vangelis Markakis, College of Computing, Georgia Tech
  Title: On Approximately Fair Allocations of Indivisible Goods *[link]*
    (Combinatorics Seminar)
  3:00PM-4:00PM, Skiles 255

- **Wednesday, February 11th, 2004**
  Yan Ding, College of Computing, Georgia Tech
  Constant Round Oblivious Transfer in the Bounded Storage Model *[link]*
    (ACO Colloquium)
  4:30pm, Skiles 255

- **Friday, February 6th, 2004**
  Speaker: Matt Baker, Department of Mathematics, University of Georgia
  Title: Harmonic Analysis on Metrized Graphs *[link]*
    (Combinatorics Seminar)
  3:00PM-4:00PM, Skiles 255

- **Friday, Jan 23rd, 2004.**
  Nisheeth Vishnoi
  Title: Deterministic Extractors for Almost Fixed Sources *[link]*
    (CS Theory Seminar)
  Time: 2:00-3:00pm. , Room: CoC 109

- **Friday, January 16th, 2004**
  Speaker: Daniel Kral, Department of Applied Math and Institute >>
  Title: Edge-disjoint odd cycles in planar graphs *[link]*
    (Combinatorics Seminar)
  3:00PM-4:00PM, Skiles 255

- **Friday, January 9th, 2004**
  Speaker: Joseph Landsberg, School of Mathematics, Georgia Tech
  Title: Introduction to the Conjectures of Deligne and Vogel *[link]*
    (Combinatorics Seminar)
  3:00PM-4:00PM, RESCHEDULED for 1/23/04

- **Friday, December 5th, 2003**
  Speaker: Tom Trotter, School of Mathematics, Georgia Tech
  Title: First Fit Coloring of Interval Graphs *[link]*
    (Combinatorics Seminar)
  3:00PM-4:00PM, Skiles 255

- **Friday, November 21st, 2003**
  Speaker: Gregory Gutin, Department of Computer Science, University of >>
  Title: Traveling Salesman Should Not Be Greedy *[link]*

    (Combinatorics Seminar)
    3:00PM-4:00PM, Skiles 255

- **Friday, November 14th, 2003**
  Speaker: Rajneesh Hegde, School of Mathematics, Georgia Tech
  Title: Non-planar Extensions of Planar Graphs *[link]*
    (Combinatorics Seminar)
  3:00PM-4:00PM, Skiles 255
- **Friday, November 7th, 2003**
  Speaker: Joe Zhou, Ohio State University,
  Title: Binary Matroid Decomposition *[link]*
    (Combinatorics Seminar)
  3:00PM-4:00PM, Skiles 255
- **Friday, October 31st, 2003**
  Speaker: Yuanan Diao, Department of Mathematics, University of North >>
  Title: The Additivity of Crossing Numbers *[link]*
    (Combinatorics Seminar)
  3:00PM-4:00PM, Skiles 255
- **Friday, October 24th, 2003**
  Speaker: Chris Stephens, Vanderbilt University,
  Title: The nonorientable genus of complete tripartite graphs *[link]*
    (Combinatorics Seminar)
  3:00PM-4:00PM, Skiles 255
- **Friday, October 10th, 2003**
  Speaker: Prasad Tetali, School of Mathematics, Georgia Tech
  Title: The number of linear extensions of the Boolean >> *[link]*
    (Combinatorics Seminar)
  3:00PM-4:00PM, Skiles 255
- **Friday, October 3rd, 2003**
  Speaker: Ehud Friedgut, Professor of Math, Hebrew University, Jerusalem
  Title: Coloring graph products, a Fourier approach *[link]*
    (Combinatorics Seminar)
  3:00PM-4:00PM, Skiles 255
- **Friday, September 26th, 2003**
  Speaker: Paul Wollan, School of Mathematics, Georgia Tech
  Title: Extremal Functions for Rooted Minors *[link]*
    (Combinatorics Seminar)
  3:00PM-4:00PM, Skiles 255
- **Friday, September 19th, 2003**
  Speaker: Mark Ellingham, Mathematics, Vanderbilt University
  Title: Generating and counting triangular embeddings of complete graphs *[link]*
    (Combinatorics Seminar)
  3:00PM-4:00PM, Skiles 255
- **Tuesday, September 16th, 2003**
  Speaker: David Galvin, Post Doc, Microsoft Theory Group
  Title: Slow mixing of the Glauber dynamics for the >> *[link]*
    (Combinatorics Seminar)
  3:00PM-4:00PM, Skiles 255
- **Friday, September 5th, 2003**
  Speaker: Ernie Croot, School of Mathematics, Georgia Tech
  Title: On Non-Intersecting Arithmetic Progressions *[link]*
    (Combinatorics Seminar)
  3:00PM-4:00PM, Skiles 255
- **Friday, August 29th, 2003**
  Speaker: Ernie Croot, School of Mathematics, Georgia Tech
  Title: Critical Sets for 3-Term Arithmetic Progressions *[link]*

(Combinatorics Seminar)
3:00PM-4:00PM, Skiles 255

- **July 18, 2003.**
  Vangelis Markakis
  Testing Juntas *[link]*
    (CS Theory Seminar)
  Time: 3:15-5:30pm. , Room: CoC 358
- **July 16, 2003.**
  Aranyak Mehta
  List Decoding using XOR Lemma *[link]*
    (CS Theory Seminar)
  Time: 3:00-5:00pm. , Room: CoC 354
- **July 11, 2003.**
  Aranyak Mehta
  List Decoding using XOR Lemma *[link]*
    (CS Theory Seminar)
  Time: 1:00-3:00pm. , Room: CoC 358
- **July 3, 2003.**
  Nisheeth Vishnoi
  Hardness of SVP for L_p norm for large p. *[link]*
    (CS Theory Seminar)
  Time: 1:00-3:00pm. , Room: CoC 358
- **July 1, 2003.**
  Yan Ding
  LRVW Extractors: Optimal upto constants factors *[link]*
    (CS Theory Seminar)
  Time: 2:30-4:30pm. , Room: CoC 358
- **June 27, 2003.**
  Nisheeth Vishnoi
  Impossibility of Hardness Results For Lattices *[link]*
    (CS Theory Seminar)
  Time: 1:00-3:00pm. , Room: CoC 358
- **June 26, 2003.**
  Nisheeth Vishnoi
  List Decoding Using the XOR Lemma *[link]*
    (CS Theory Seminar)
  Time: 1:00-3:00pm. , Room: CoC 358
- **June 23, 2003.**
  Nisheeth Vishnoi
  Regev's New Lattice Based Cryptographic Constructions: contd ... *[link]*
    (CS Theory Seminar)
  Time: 2:30-4:30pm. , Room: CoC 358
- **June 20, 2003.**
  Yan Ding
  Regev's New Lattice Based Cryptographic Constructions: contd ... *[link]*
    (CS Theory Seminar)
  Time: 1:00-3:00pm. , Room: CoC 358
- **June 6, 2003.**
  Yan Ding
  Regev's New Lattice Based Cryptographic Constructions *[link]*
    (CS Theory Seminar)
  Time: 1:00-3:00pm. , Room: CoC 358
- **May 30, 2003.**
  Nikhil Devanur
  Hardness of SVP in L_2 norm *[link]*

    (*[CS Theory Seminar](link)*)
   Time: 1:00-3:00pm. , Room: CoC 358

- **May 23, 2003.**
  Nisheeth Vishnoi
  Introduction to Lattices and the LLL/Schnorr algorithm *[link]*
    (*[CS Theory Seminar](link)*)
   Time: 1:00-3:00pm. , Room: CoC 358
- **Friday, April 18th, 2003**
  Speaker: Serguei Norine, Mathematics, Georgia Tech
  Title: Brick generation *[link]*
    (*[Combinatorics Seminar](link)*)
   4:00PM-5:00PM, Skiles 255
- **Friday, April 11th, 2003**
  Speaker: Andrew Vince, Mathematics, University of Florida
  Title: Integrity of a Cubic Graph *[link]*
    (*[Combinatorics Seminar](link)*)
   3:00PM-4:00PM, Skiles 255
- **Friday, April 4th, 2003**
  Tom Trotter, School of Mathematics, Georgia Tech
  TBA *[link]*
    (*[ACO Colloquium](link)*)
   TBA
- **Friday, March 28th, 2003**
  Karen Aardal, School of Industrial & Systems Engineering, Georgia >>
  TBA *[link]*
    (*[ACO Colloquium](link)*)
   TBA
- **Wednesday, March 26th, 2003**
  Speaker: Imre Leader, Mathematics, Cambridge University
  Title: Edge-Isoperimetric Inequalities *[link]*
    (*[Combinatorics Seminar](link)*)
   4:30PM-5:30PM, Skiles 255
- **Friday, March 21st, 2003**
  Speaker: Ted Hill, School of Mathematics, Georgia Tech
  Title: Some Combinatorial Aspects of Fair-Division Theory *[link]*
    (*[Combinatorics Seminar](link)*)
   3:00PM-4:00PM, Skiles 255
- **Friday, March 14th, 2003**
  Speaker: Andrzej Rucinski, School of Mathematics, Georgia Tech and >>
  Title: Hamiltonian cycles in triple systems *[link]*
    (*[Combinatorics Seminar](link)*)
   3:00PM-4:00PM, Skiles 255
- **Friday, February 28th, 2003**
  Milena Mihail, College of Computing, Georgia Tech
  Expansion of Power Law and Scale Free Graphs *[link]*
    (*[ACO Colloquium](link)*)
   3:30pm, Skiles 255
- **Friday, February 21st, 2003**
  Speaker: Guoli Ding, Department of Mathematics, Louisiana State University
  Title: A survey on graph immersions *[link]*
    (*[Combinatorics Seminar](link)*)
   3:00PM-4:00PM, Skiles 255
- **Friday, February 14th, 2003**
  Jan Karel Lenstra, School of Industrial & Systems Engineering, >>
  Approximation Algorithms for the Test Cover Problem *[link]*

(ACO Colloquium)
3:30pm, Skiles 255

- **Friday, February 7th, 2003**
Speaker: Joshua N. Cooper, UC San Diego,
Title: Quasirandom Permutations [link]
  (Combinatorics Seminar)
3:00PM-4:00PM, Skiles 255
- **Friday, January 24th, 2003**
Speaker: Guantao Chen, Georgia State University,
Title: Long Cycles in 3-Connected Graphs [link]
  (Combinatorics Seminar)
3:00PM-4:00PM, Skiles 255
- **Friday, January 17th, 2003**
Speaker: Mihai Ciucu, School of Mathematics, Georgia Tech
Title: Rotational invariance of quadromer correlations on a plane >> [link]
  (Combinatorics Seminar)
3:00PM-4:00PM, Skiles 255
- **Friday, February 14th, 2003**
Jan Karel Lenstra, School of Industrial & Systems Engineering, >>
Approximation Algorithms for the Test Cover Problem [link]
  (ACO Colloquium)
3:30pm, Skiles 255
- **Friday , Oct 25, 2002**
Aranyak Mehta
Playing Large Games using Simple Strategies [link]
  (CS Theory Seminar)
Time: 12:30 pm, Room: CoC 155
- **Thursday , Oct 10, 2002**
Madhu Sudan
List Decoding and Complexity Theory [link]
  (CS Theory Seminar)
Time: 3:30pm , Room: MiRC 102
- **Friday , Oct 4, 2002**
Nisheeth Vishnoi
Deterministic Identity Testing for Multivariate Polynomials [link]
  (CS Theory Seminar)
Time: 12pm , Room: CoC 354
- **Friday , Sept 27, 2002**
Amin Saberi
On the Hardness of Optimal Auctions [link]
  (CS Theory Seminar)
Time: 12:15 pm , Room: CoC 155
- **Friday , Sept 13, 2002**
Nikhil Devanur
Market Equilibrium via Primal Dual Type Algorithm [link]
  (CS Theory Seminar)
Time: 12:30 pm , Room: CoC 155
- **Friday , Sept 6, 2002**
Yan Ding
PRIMES is in P [link]
  (CS Theory Seminar)
Time: 12:15-1:30 pm , Room: CoC 155

Current departmental events