

Combinatorics and Complexity Theory

Tuesday, September 1, 1998 (All day) - Wednesday, September 1, 1999 (All day)
(1998-1999)

The following is a list of seminars that were given in Term I and Term II:

- Monday, 28 September 1998
Dana Ron, MIT
A sublinear bipartite tester for bounded-degree graphs
[Abstract:](#)
- Monday, 5 October 1998
Luca Trevisan, Columbia University and DIMACS
Construction of near-optimal extractors using pseudo-random generators
[Abstract:](#)
- Monday, 12 October 1998
Avi Wigderson, IAS/Hebrew University
Resolution made simple
[Abstract:](#)
- Monday, 19 October 1998
Paul Seymour, Princeton University
Digraph Minors
[Abstract:](#)
- Monday, 26 October 1998
Dmitry Kozlov, IAS
On the action of the symmetric group on the selected-type partition lattices
[Abstract:](#)
- Monday, 9 November 1998
Michael Saks, Rutgers University
Time-Space tradeoffs for Boolean branching programs
[Abstract:](#)
- Monday, 16 November 1998

Bela Bollobas, Memphis State University and Cambridge University

Dependent percolation in two dimensions

[Abstract:](#)

- Monday, 23 November 1998
Dorit Aharonov, IAS
Shor's Quantum Factorization Algorithm
[Abstract:](#)
- Monday, 30 November 1998
Vijay Vazirani, Georgia Tech
On the Bidirected cut relaxation for the metric Steiner tree problem
[Abstract:](#)
- Monday, 7 December 1998
Jeff Kahn, Rutgers University
Combinatorial uses of entropy
[Abstract:](#)
- Monday, 14 December 1998
Jean Bourgain, IAS
Arithmetic progressions in finite sets
[Abstract:](#)
- Monday, 18 January 1999
Michael Krivelevich, DIMACS/Rutgers University
Testing regular languages
[Abstract:](#)
- Monday, 25 January 1999
Miklos Bona, IAS
A combinatorial proof of the log-concavity of the numbers of permutations with k runs
[Abstract:](#)
- Monday, 1 February 1999
Yehuda Shalom, Princeton University
Groups and expanders
[Abstract:](#)
- Monday, 8 February 1999
Van Vu, IAS

Small complete arcs in projective planes

[Abstract:](#)

- Monday, 22 February 1999
Meir Katchalski, Rutgers/Technion, Israel
Touching and representing convex sets

[Abstract:](#)

- Monday, 1 March 1999
Avi Wigderson, IAS
Some problems in algebraic complexity

[Abstract:](#)

terms:

- [special year](#)