Seminar on Discrete and Applicable Mathematics in 2005

Seminars are listed in reverse chronological order, most recent first. Abstracts are not available.

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8 December - Katalin Marton (Rényi Institute, Budapest)
Measure concentration and Logarithmic Sobolev inequality for weakly dependent random variables

1 December - Jörn Rothe (LSE)
Epistemic Foundations for Equilibria with Non-Additive Beliefs

24 November - Moez Draief (Cambridge)
Multi-hop wireless networks and small-world geometric graphs

17 November - Gesine Reinert (Oxford)
Small world networks

3 November - Marcin Jurdzínski (Warwick)
Algorithms for parity and limiting-average games

27 October - Tobias Müller (Oxford)
The chromatic number of random geometric graphs

20 October - Christina Goldschmidt (Cambridge)
Random recursive trees and the Bolthausen-Sznitman coalescent

13 October - Paul Goldberg (Warwick)
The Computational Complexity of Finding a Nash Equilibrium

6 October - Mihyun Kang (Berlin)
Random Graph Processes

23 June - Dan Crisan (Imperial)
Minimal Entropy Approximations and Optimal Algorithms for the Filtering Problem

16 June - Peter Jagers (Chalmers)
Before Extinction

2 June - Geon Ho Choe (Korea Advanced Institute of Science and Technology and Imperial)
Rotational number of a piecewise linear homeomorphism of the circle

26 May - Boguslaw Zegarlinski (Mathematics, Imperial)
Decay to equilibrium in large interacting systems

5 May - Remco van der Hofstad (Eindhoven)
Random subgraphs of the n-cube

28 April - Keith Briggs (Complexity Group, BT Research)
Enumeration of labelled graphs

10 March - Joseph A. Ball (Virginia Tech)
Dynamical systems with inputs and outputs, energy balance laws and robust control theory: a survey

3 March - Dudley Stark (Queen MarY)
Random Preorders

24 February - Imre Leader (Cambridge)
The Devil and the Angel in three dimensions

17 February - James Norris (Cambridge)
Cores and cycles in random hypergraphs

10 February - Klas Markström (Cambridge and Umeå)
Even cycle decompositions of 4-regular graphs

3 February - Mikhail Menshikov (Durham)
Random Walks in Random Environment

27 January - Andrew Goodall (Oxford)
Some new evaluations of the Tutte polynomial of a graph

20 January - Stanislav Volkov (Bristol)
Reinforced Processes: models of technological lock-ins and winner-takes-all situations

13 January - Gregory Gutin (Royal Holloway)
Some applications of graph theory, combinatorics and number theory in logistics and quantum mechanics