

# Seminar on Discrete and Applicable Mathematics in 2004

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

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**9 December - Dries Vermeulen (Maastricht)**

**Stochastic dominance equilibria in 2-person non-cooperative games**

**2 December - Arndt von Schemde (LSE)**

**A Geometric-Combinatorial Approach to Index Theory for Non-Degenerate Bimatrix Games**

**18 November - Leslie Ann Goldberg (Warwick)**

**Strong Spatial Mixing and Sampling Colourings**

**11 November - Sverrir Olafsson (British Telecom Research)**

**Distributed power control in ad hoc mobile networks**

**28 October - Amol Sasane (LSE)**

**Nullstellensatz for systems of PDEs**

**21 October - Norman Biggs (LSE)**

**Chromatic roots of families of graphs**

**14 October - Massimiliano Pontil (UCL)**

**Regularized Multi-Task Learning**

**2 July - Tim Roughgarden (Berkeley)**

**Selfish Routing and the Price of Anarchy**

**24 June - Dinah Rosenberg (University of Paris - Nord)**

**Timing games with informational externalities**

**17 June - Françoise Forges (Dauphine)**

**Communication equilibria with partially verifiable types**

**10 June - Paul Williams (LSE)**

**Models for Solving the Travelling Salesman Problem**

**3 June - Dominic Welsh (Oxford)**

**The Random Planar Graph**

**27 May - Andrew Barbour (Zurich)**  
**Some Applications of Stein's Method**

**20 May - Bernhard von Stengel (LSE)**  
**Leadership Games**

**13 May - Peter Cameron (Queen Mary)**  
**Min-wise independent permutation groups**

**6 May - Svante Janson (Uppsala)**  
**Limit theorems for generalized Polya urn processes**

**18 March - Mark Jerrum (Edinburgh)**  
**Systematic scan for sampling colourings**

**11 March - Vera Kurkova (Academy of Sciences of the Czech Republic)**  
**Learning as an inverse problem in reproducing kernel Hilbert spaces**

**4 March - Russ Martin (Warwick)**  
**Disjoint decomposition of Markov chains and sampling circuits in Cayley graphs**

**26 February - Robert Simon (Göttingen)**  
**Topological solutions for principal-agent problems**

**19 February - Ayalvadi Ganesh (Microsoft)**  
**Random graphs and overlay networks**

**12 February - Eilon Solan (Tel Aviv and Northwestern)**  
**Games of Timing**

**29 January - Simon Blackburn (Royal Holloway)**  
**Codes used in copyright protection: how good are probabilistic methods?**

**22 January - Anne de Mier (Oxford)**  
**A solution to the tennis ball problem**

**16 January - Iain MacPhee (Durham)**  
**Classification of random walks using Lyapunov functions**