



## Hamilton Institute

### The Hamilton Institute Lunchtime Seminars

- January 13<sup>th</sup>, 2006**      ***On the free energy of a Brownian directed polymer***  
*Dr. John Moriarty, UCC.*
- February 17<sup>th</sup>, 2006**      ***Hysteresis operators and fluid models of queueing networks***  
*Oleg Rasskazov, UCC.*
- March 3<sup>rd</sup>, 2006**      ***Biological functionality in gene and drug networks***  
*Prof. Roy Kishony, Department of Systems Biology, Harvard Medical School, Boston, USA.*
- March 7<sup>th</sup>, 2006**      ***Feedback Control of Network Intrusion Detectors***  
*Joao B.D. Cabrera, Scientific Systems Company, Inc., Woburn, MA, USA.*
- March 15<sup>th</sup>, 2006**      ***Oscillators, 1/f noise, and stock market fluctuations***  
*James Gleeson, School of Mathematical Sciences, University College Cork.*
- March 24<sup>th</sup>, 2006**      ***New 'Dimensions' in Genome Annotation***  
*2 – 3pm, JHL2*  
*Bernhard O. Palsson Department of Bioengineering, UCSD, USA.*
- April 20<sup>th</sup>, 2006**      ***Congestion Based Routing strategies in multi-hop TDD-CDMA networks***  
*Prof. Stephen McLaughlin, Signals and Systems Group, Department of Electronics and Electrical Engineering, University of Edinburgh.*
- April 21<sup>st</sup>, 2006**      ***Predictive Distributed Channel-Adaptive Fair Allocation for IEEE 802.11e WLAN***  
*Prof. Stephen McLaughlin, Signals and Systems Group, Department of Electronics and Electrical Engineering, University of Edinburgh.*

Venue: The Seminar Room, Hamilton Institute, Rye Hall,  
NUI Maynooth, Co. Kildare, Ireland.

Time: 1pm - 2pm

Further Info.: Prof. P. Wellstead, Email: peter.wellstead@nuim.ie, Tel: 01-7086274

Prof. B. Pearlmutter, Email: barak@cs.nuim.ie, Tel. 01-7086063



Hamilton Institute

**The Hamilton Institute Lunchtime Seminars**

**May 22<sup>nd</sup>, 2006**

***Unwanted traffic: Attacks, detection, and potential solutions***  
Balachander Krishnamurthy, AT&T Labs—Research.

**May 29<sup>th</sup>, 2006**

***Fixing Two Weaknesses of the Spectral Method for Graph Partitioning***  
Kevin J. Lang, Yahoo! Research.

**June 7<sup>th</sup>, 2006  
(2.00pm)**

***Control and system theory for biochemical reaction networks***  
Jan H. van Schuppen, CWI, Amsterdam, The Netherlands.

Venue:

The Seminar Room, Hamilton Institute, Rye Hall,  
NUI Maynooth, Co. Kildare, Ireland.

Time:

1pm - 2pm

Further Info.:

Prof. P. Wellstead, Email: [peter.wellstead@nuim.ie](mailto:peter.wellstead@nuim.ie), Tel: 01-7086274

Prof. B. Pearlmutter, Email: [barak@cs.nuim.ie](mailto:barak@cs.nuim.ie), Tel. 01-7086063