

PROGRAMME
18th SEPTEMBER MEETING

DUBLIN CITY UNIVERSITY
1-2 SEPTEMBER 2005

Thursday 1st

- 10:15–10:45 Registration and coffee
- 10:45–11:00 Introductory remarks by the President of the IMS
Conference Opening by the Deputy President
of DCU
- 11:00–11:45 **Professor E Buffet**
*Parrondo's Paradox: how many sow's ears does it
take to make a silk purse?*
- 11:45–12:45 **Professor T Burton**
Introduction to stability by fixed point theory
- 12:45–14:15 Lunch
- 14:15–15:15 **Professor J Berndt**
Transformation groups of cohomogeneity one
- 15:15–15:45 Coffee
- 15:45–16:45 **Professor D Lewis**
Quaternion algebras
- 17:00–18:15 IMS Committee Meeting
- 19:30 Conference Dinner in 1838 Club, DCU Campus
Guest speaker: **Gary Crawley, SFI**

Friday 2nd

- 9:30–10:30 **Dr D Saunders**
Math Tutor—a teaching resource for the school/university transition
- 10:30–11:00 Coffee
- 11:00–11:30 **Dr J Cruickshank**
The rearrangement inequality
- 11:30–12:30 IMS AGM
- 12:30–13:30 Lunch
- 13:30–14:30 **Professor B Hanzon**
Filtering and estimation in stochastic volatility models with rationally distributed disturbances
- 14:30–15:00 **Dr N Kopteva**
Numerical solution of convection diffusion problems: maximum norm a posteriori error estimates
- 15:00–15:30 Coffee
- 15:30–16:15 **Dr J Appleby**
Harmless and dangerous stochastic perturbations
- 16:15 Closing remarks by the President of the IMS