PROGRAMME
15th SEPTEMBER MEETING

Department of Mathematics,
National University of Ireland, Cork
6–7 September 2002

All talks were held in Aras na Laoi (AL8).

Friday 6th

10:30–11:00	Registration and Coffee
11:00–11:10	Welcome address by Dr Gerard Wrixon, President of University College Cork
11:10–12:00	**Alexei Pokrovskii (UCC)** *Equations with hysteresis nonlinearities: what does it mean, and why bother?*
12:00–12:30	**Tom Brady (DCU)** *The linearity of the braid groups*
12:20–13:00	**James Gleeson (UCC)** *Microscale fluid mixing*
13:00–14:30	Lunch
14:30–15:20	**Albert Baernstein (U Washington, St Louis)** *The stretch conjecture for Lipschitz functions in the plane*
15:20–15:50	**Stephen Wills (UCC)** *Matrices versus tensor products: and application of operator spaces*
15:50–16:10	Coffee

16:10–17:00 **Imre Leader (U Cambridge)**
Partition regularity

17:00–18:00 **Maria Meehan (UCD)**
Mathematics by Example

18:00 Reception

Saturday 7th

9:30–10:20 **Stephen Gardiner (UCD)**
Poisson kernels, sets of determination, and approximation on the boundary

10:20–10:45 Coffee

10:45–11:35 **Peter Kennedy (UCC)**
Emerging applications of Mathematics in Microelectronics

11:35–12:25 **John Lewis (CNRI, DIT)**
Large deviation theory in perspective

12:25–13:00 Lunch

13:00–13:45 Annual General Meeting of IMS

Tribute to Professor Finbarr Holland

Part A: Mathematics

14:00–14:40 **Albert Baernstein (U Washington, St Louis)**
Recent work related to the Bloch and Landau covering constants

14:40–15:10 **Pat McCarthy (NUI Maynooth)**
The geometry of reproducing kernels

15:10–15:40 **David Walsh (NUI Maynooth)**
Criteria for membership of the mean Lipschitz classes

15:40–16:00 Coffee

Part B: Mathematical Competitions and Problem Solving

16:00–16:15	**Tom Laffey (UCD)**
16:15–16:30	**Imre Leader (U Cambridge)**
16:30–16:45	**Dave Flannery (Cork Institute of Technology)**
16:45–17:00	**Des MacHale (UCC)**
17:00	**Discussion**
17:20	Meeting ends
19:30	Conference Dinner in the Blue Haven Hotel, Kinsale