

PROGRAMME
13th SEPTEMBER MEETING

DEPARTMENT OF MATHEMATICS, NUI MAYNOOTH
6–8 SEPTEMBER 2000

All talks were held in Callan Hall, coffee being served in Riverstown Hall. Registration took place on Wednesday during coffee in Riverstown Hall and from 1.45 to 2.30 in the Maths Office on the top floor of Logic House.

Wednesday 6th

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| 09:45–10:00 | Welcome address |
| 10:00–11:00 | Tom Carroll (UCC)
<i>Old and New on the Bass Note, the Torsion Function
and the Hyperbolic Metric</i> |
| 11:00–11:30 | Coffee |
| 11:30–12:00 | Martin Mathieu (QUB)
<i>Elementary Operators on Calkin Algebras</i> |
| 12:00–13:00 | Terry Wall (Liverpool)
<i>The Geometry of Discriminants</i> |
| 13:00–14:30 | Lunch |
| 14:30–15:30 | John Wermer (Brown)
<i>The Argument Principle and Boundaries of
Analytic Varieties</i> |
| 15:30–16:00 | Coffee |
| 16:00–17:00 | Fran Burstall (Bath)
<i>Harmonic Maps in Unfashionable Geometries</i> |
| 18:00–19:30 | Reception in Renehan Hall |

Thursday 7th

- 09:30–10:00 **Donal Hurley (UCC)**
D-Differentiation
- 10:00–11:00 **Jost Eschenburg (Augsburg)**
Rank, Rigidity and Symmetry
- 11:00–11:30 Coffee
- 11:30–12:00 **Eimear Byrne (UCC)**
Decoding a Class of Alternant Codes for the Lee Metric
- 12:00–13:00 **Jim Sexton (TCD)**
Stability of the Lanczos Methods for Matrix Tridiagonalisation
- 13:00–14:30 Lunch
- 14:30–15:30 **Julien Duval (Toulouse)**
Entropy of Endomorphisms of $P^k(\mathbb{C})$
- 15:30–16:00 Coffee
- 16:00–17:00 **Jim Eells (Cambridge)**
Harmonic Maps between Riemannian Polyhedra
- 17:00–18:00 IMS Ordinary Meeting
- 19:15 Bus for dinner leaves College gates
- 19:30 Conference Dinner in Dowdstown Hotel

Friday 8th (Talks by Research Students)

- 09:30–10:00 **Gerhard Schick (QUB)**
First Steps Towards a Theory of Spectrally Bounded Operators
- 10:00–10:30 **Seamus Kelly (NUI Maynooth)**
The Elliptic Curve Method for Factoring
- 10:30–11:00 Coffee and Poster session set-up
- 11:00–11:30 **Milena Venkova (UCD)**
Geometry of Q -reflexive Banach Spaces

11:30–12:00	Michael Hayes (UL) <i>The Coating Profile on a Finite Substrate after Dip-coating</i>
12:00–13:00	Poster Session open
13:00–14:00	Lunch
14:00–14:30	Katie O’ Brien (UCC) <i>Lexicodes and the Chain Condition</i>
14:30–15:00	Bogdan Grecu (UCG) <i>Extreme 2-Homogeneous Polynomials on the Real ℓ^p Spaces</i>
15:00–15:30	Coffee and Poster session
15:30–16:00	Violeta Morari (UCC) <i>Some properties of the Neumann Operator</i>
16:00–16:30	Thomas Unger (UCD) <i>Surrogate Forms of Central Simple Algebras</i>
16:30	Meeting ends