

**IRISH MATHEMATICAL SOCIETY
ANNUAL MEETING
UNIVERSITY COLLEGE CORK
2–3 SEPTEMBER 1993**

Thursday 2 September

10.30–11.00	Coffee & Registration	
11.00–11.10	M.P. Mortell , President	<i>Opening address</i>
	University College Cork	
11.10–12.10	J.W. Bruce (Liverpool)	<i>Whatever happened to calculus?</i>
12.10–13.10	R. Gow (UCD)	<i>Integral lattices and their automorphism groups</i>
13.10–14.30	Lunch	
14.30–15.30	M.R.H. Rudge (QUB)	<i>The collocation method with applications in quantum mechanics and fracture mechanics</i>
15.30–15.50	C. Nash (Maynooth)	<i>Three dimensional quantum field theory and the Riemann zeta function</i>
15.50–16.10	N. Buttimore (TCD)	<i>Chaotic economic models</i>
16.10–16.30	Coffee	
16.30–17.30	J.B. Twomey (UCC)	<i>The teaching and presentation of mathematics—lecture and discussion</i>

Friday 3 September

09.00–10.00	G.J. Murphy (UCC)	<i>Toeplitz operators</i>
10.00–11.00	F. Hodnett (UL)	<i>The thermocline equations and aspects of the dynamics of the North Atlantic Ocean</i>
11.00–11.30	Coffee	
11.30–11.50	T.C. Hurley (UCG)	<i>Free products</i>
11.50–12.10	K. Hutchinson (UCD)	<i>Hecke algebras and Galois groups</i>
12.10–12.30	P. McCarthy (RTC, Tall.)	<i>A Hilbert space proof of the Riemann mapping theorem</i>
12.30–12.50	J. Cleary (DIT)	<i>Temporal logic and expert systems</i>
12.50–14.00	Lunch	
14.00–15.00	P. O’Kane (UCC)	<i>Mathematicians—do we need them?</i>
15.00–16.00	P.J. Rippon (OU)	<i>A Mandelbrot set for piecewise linear mappings</i>
16.00	Coffee & Close	

All lectures will take place in G2 (Science Building)

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The Meeting will open at 1100 on Thursday 2 September and close at 1600 on Friday 3 September. All lectures will be held in Lecture Theatre G2 in the Science Building. The University is situated on the Western Road on the No. 8 bus route from the city centre (Gaol Cross stop). Travel from the railway station or airport is most convenient by taxi. The Mathematics Department is located on the top floor of Áras na Laoi (Lee House) on Gaol Walk. Parking is available in the carpark of Áras na Laoi. Access to the Science Building is either from Gaol Walk or from the main campus. Further information on travel and local accommodation may be obtained from the organisers on request.

We plan to have a Conference Dinner on the Thursday evening. The venue will be the Arbutus Hotel (to be confirmed) and the cost will be £17 per person. Guests are welcome to attend the Dinner.

If you intend to come to the Meeting please return the information requested below by Friday 20 August to:

Pat Fitzpatrick (fitzpat@bureau.ucc.ie) or *Martin Stynes* (stynes@bureau.ucc.ie)

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IMS ANNUAL SEPTEMBER MEETING—registration

NAME:..... .

ADDRESS:.....

EMAIL:..... .

NUMBER OF PLACES REQUIRED AT DINNER:.....