

NMR DISCUSSION GROUP
c/o OXFORD INSTRUMENTS LTD.
OSNEY MEAD
OXFORD OX2 0DX

Dear Member,

The next meeting of the NMRDG will take place on October 6th at I.C.I. Pharmaceuticals Division at Alderley Park, Macclesfield. The theme of the meeting is the industrial applications of NMR and a detailed program is enclosed.

If you wish to attend would you please fill in the form below and return to David Greatbanks not later than September 23rd. A coach will meet the trains arriving at Macclesfield station at 10.19 from London (8.05 from Euston) and 10.13 from Manchester (9.43 from Piccadilly). A coach will also take participants to catch the 17.34 to London and 17.38 to Manchester. Limited car parking is available. Group travel would therefore be appreciated as well as economical!

I look forward to seeing you at Alderley Edge.

Yours sincerely

Dr. Derek Shaw
Honorary Secretary - NMRDG

I wish to attend the NMRDG meeting on the Industrial application of NMR at I.C.I. Pharmaceuticals on October 6th.

I enclose a cheque for £2.50 made payable to "I.C.I. Ltd."

I will arrive by train 10.19 from London
 10.13 from Manchester
 Other, please specify

I will arrive by car and require parking space
 but do not require parking space

Please tick as appropriate

Please return this form to David Greatbanks, I.C.I. Pharmaceuticals Division, Alderley Park, Macclesfield, Cheshire SK10 4TG not later than September 23rd.

Industrial Applications of N.M.R.

This meeting is sponsored by the Analytical Chemists Committee of I.C.I.

10.45 a.m. Coffee

11.00 a.m. Welcoming Address

Morning Session. Chairman. M.E.A. Cudby (I.C.I. Plastics Division)

11.05 a.m. Quantitative analysis of drugs by n.m.r.
P. Hampson (I.C.I. Pharmaceuticals Division)

11.25 a.m. Sequence distribution in olefin copolymers by ^{13}C n.m.r.
A. Bunn (I.C.I. Plastics Division))

11.45 a.m. Analysis of trace organics in water by n.m.r. on solvent extracts
J. K. Beconsall (I.C.I. Corporate Labs)

12.05 p.m. The organisation of n.m.r. facilities and information within I.C.I. Ltd.
A. Matthias (I.C.I. Organics Division)

12.25 p.m. Discussion

12.45 p.m. Lunch

Afternoon Session. Chairman J. Feeney M.R.C.

2.00 p.m. Ion binding to charged bilayer surfaces studied by sodium magnetic resonance
G.J.T. Tiddy, B. Lindman, G. Lindblom (Unilever Research)

2.20 p.m. Industrial applications of low-resolution continuous-wave n.m.r.
I.J. Richmond (Newport Instruments)

2.40 p.m. Quantitation and enhanced sensitivity in the n.m.r. of food components
I. O'Niell (Lab. of Government Chemist)

3.00 p.m. Discussion

3.20 p.m. Tea

3.40 p.m. The use of ^1H and ^{13}C FT n.m.r. data in the identification of the flavour components of tobacco
A.M. Chippendale (I.C.I. Organics Division)

4.00 p.m. Applications of n.m.r. in the pharmaceutical industry
R.A. Fletton (Glaxo)

4.20 p.m. ^{13}C n.m.r. for structural determination- examples of its use in I.C.I. Pharmaceuticals
D. Greatbanks (I.C.I. Pharmaceuticals Division)

4.40 p.m. Discussion

5.00 p.m. Meeting Close