

Dr. Derek Shaw,
Honorary Secretary,
N.M.R.D.G.,
c/o Oxford Instruments Ltd.,
Osney Mead,
OXFORD.
OX2 0DX.

Dear Member,

Following the successful meeting on the Industrial Applications of NMR held in 1977, our next meeting will be focused on the 'NMR of Heterogeneous Systems', a topic which is of both significant industrial and academic interest. The meeting which is being organised with the aid of Unilever Ltd., will be held at the University of Liverpool on **10 April 1979**.

The meeting will commence with a dinner in Greenbank House at 8.00 pm on 9 April and the meeting fee of £11 (£9 for postgraduate students) includes dinner, accommodation in Roscoe and Gladstone Halls, and lunch etc., the following day. A reduced fee of £3, including lunch etc., on the 10 April is available to those which attend the lecture programme only.

The scientific programme for the meeting is as follows. Lectures will be held in the Brunner Theatre in the Donnan Chemical Laboratories:

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| 09.30 | K.J. Packer, University of East Anglia
'NMR Principles in the Study of Molecules at Interfaces' |
| 10.15 | E. Smith, Unilever Research, Port Sunlight
'NMR Studies of Molecular Motion in Wet polymeric Fibres' |
| 10.45 | Coffee |
| 11.15 | P. Loftus, I.C.I. Corporate Laboratory, Runcorn
'NMR in Bacterial and Colloidal Systems' |

11.55 P. J. Lillford (Unilever Research, Colworth House) and W. Derbyshire
(Nottingham University)
'NMR Relaxation in Agarose and Carrageenan'

12.30 Lunch

Chair: **Les Sutcliffe**

02.00 R. Hunt, Polytechnic of Wales
'Interactions between Lipid Bilayers and Aqueous Solutions using NMR Lanthanide
Ion Probes'

02.35 I.K. O'Neill, H.J. Prosser, C.P. Richards and M.L. Trimble, Laboratory of the
Government Chemist and RTZ Services Ltd.
'High Resolution Multinuclear Magnetic Resonance of Foods and Cements'

03.10 P. Belton, Unilever Research, Port Sunlight
'Deuterium Pulsed NMR Studies of Water Absorbed on Barium Sulphate'

03.40 Tea