

CHEMICAL SOCIETY
NUCLEAR MAGNETIC RESONANCE DISCUSSION GROUP

The 24th Meeting of the Group will be held under the chairmanship of Dr E. W. Randall at University of Lancaster, Bailrigg, Lancaster, on Thursday, 12th July, 1973, in the Department of Chemistry.

Programme

- 09.30 Coffee
- 10.00 Introductory paper on NMR of liquid crystals, title to be announced,
by Dr Lunazzi
- 11.00 'Intramolecular Rotation in n-cyclobutadienyliron tricarbonyl from nematic-phase NMR'
by D. Bailey, A. D. Buckingham and A. J. Rest (University of Cambridge)
- 11.45 'Theoretical calculation of the anisotropy of indirect coupling constants: problems in
determining geometry from liquid crystal spectra'
by C. W. Haigh and S. Sykes (University of Wales)
- 12.30 Lunch
- 14.00 Group Business
- 14.15 Paper by E. W. Randall, title to be announced
- 14.45 'Magnetic resonance studies of magneto hydrodynamic effects in liquid crystals'
by Dr G. R. Luckhurst (University of Southampton)
- 15.20 'Structural Study of a Ruthenium Hydride Cluster by Nematic-Phase Proton Magnetic
Resonance' by J. P. Yesinowski (University of Cambridge)
- 16.00 Paper by T. N. Huckerby (University of Lancaster), title to be announced
- 16.30 Tea

Overnight Accommodation and Evening Meal

Ample accommodation is available in the University. There is a meeting of the IRDG on Friday, 13th July, 1973, so that many people may wish to book accommodation for both meetings.

Overnight accommodation can be arranged for the nights of Wednesday, 11th July and Thursday, 12th July at £3.00 per night inclusive of Evening Meal, Bed and Breakfast. Payment must be made with return of the enclosed form by Thursday 5th July, 1973. (Please make cheques payable to NMRDG)
Coffee, Lunch and Tea on Thursday 12th July

The Meeting fee of £1.50 includes coffee, lunch and tea. Please pay in advance as above.

Predoctoral Students

Please note that this meeting fee is waived for predoctoral students.

Location and further information on accommodation

Receipts and further information for those coming by car and for those requiring overnight accommodation will be despatched by return.

E. G. Cummins