

NMR DISCUSSION GROUP

CHRISTMAS MEETING - 13TH DECEMBER 1993

KING'S COLLEGE, LONDON

Applications of High Resolution NMR to Molecular Structure and Dynamics

Chairman: J. C. Lindon (Wellcome Research Laboratories)

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| 10.00 | Coffee |
| 10.30 | J. W. Emsley (University of Southampton)
"NMR of liquid crystalline solutions: a method for determining conformational distributions of molecules in solution" |
| 11.15 | J. Stonehouse (University of Cambridge)
"Field gradients and water suppression: to spoil or not to spoil?" |
| 11.35 | M. D. Mantle (Queen Mary and Westfield College, University of London)
" ¹ H and ¹³ C MAS NMR studies of H ₂ , CO and CO ₂ adsorption onto Cu/ZnO catalysts". |
| 12.05 | J. K. Nicholson (Birkbeck College, University of London)
"Ultra-high field ¹ H and ¹⁹ F NMR studies on intramolecular acyl migration reactions in model drug glucuronides". |
| 12.30 | Lunch |
| 14.00 | NMR Group Business |
| 14.15 | L. H. Sutcliffe (University of Surrey)
"NMR and ESR of free radicals". |
| 15.00 | S. A. Readshaw (SmithKline Beecham Pharmaceuticals)
"NMR studies on the mode of action of novel antiviral agents". |
| 15.30 | P. C. Driscoll (University of Oxford)
"NMR studies of a ¹³ C labelled peptide bound to an MHC molecule". |
| 16.00 | Tea |