

## NMRDG DISCUSSION GROUP

Meeting on Tuesday 19 December 1995

### NMR OF SOLIDS AND SOLID-LIKE MATERIALS

University College, London

#### PROGRAMME

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|--------------|---|
| <b>10.00</b> | <b>Coffee</b>   |
| <b>10.30</b> | Professor Robin Harris (Department of Chemistry, University of Durham)<br><b>"MAS NMR Studies of Fluorinated Systems"</b>   |
| <b>11.15</b> | Dr Helen Geen (Magnetic Resonance Centre, Department of Physics, University of Nottingham)<br><b>"NMR Spectroscopy of Solids with Fast Magic Angle Spinning"</b>  |
| <b>11.45</b> | Dr Melinda Duer (Department of Chemistry, University of Cambridge)<br><b>"Multiple Quantum NMR Spectroscopy of Quadrupolar Nuclei: Resolving Quadrupolar-Broadened Lines"</b>                               |
| <b>12.15</b> | <b>NMRDG Business</b>   |
| <b>12.30</b> | <b>Lunch</b>  |
| <b>14.00</b> | Dr Jeremy Titman (Department of Chemistry, University of Nottingham)<br><b>"Order and Dynamics of Liquid-Crystalline Side Group Polymers by Multi-Dimensional NMR Spectroscopy"</b>                         |
| <b>14.30</b> | Dr Nigel Clayden (School of Chemical Sciences, University of East Anglia)<br><b>"Polymer Morphology by <math>^2\text{H}</math> NMR Spectroscopy and Small Angle X-ray Scattering"</b>                       |
| <b>15.00</b> | Dr Peter McDonald (Department of Physics, University of Surrey)<br><b>"Breadline NMR Imaging: Recent Developments and their Application to Water Transport in Zeolites and Solvent Ingress in Polymers"</b> |
| <b>15.45</b> | Dr Brian Hills (Institute of Food Research, Norwich)<br><b>"Extraordinary Susceptibility Effects in NMR Studies of Porous Solids at High Fields"</b>  |
| <b>16.15</b> | <b>CLOSE/TEA</b>  |