

## **NMR DISCUSSION GROUP MEETING**

### **"THE ROLE OF GRADIENTS IN NMR"**

**Tuesday 20 December 1994**  
**KINGS COLLEGE LONDON**

Chairman: Dr S C R Williams (Institute of Psychiatry)

### **PROGRAMME**

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| <b>09.45</b> | <b><u>COFFEE</u></b>   |
| <b>10.15</b> | Dr H J Keeler (University of Cambridge)<br>"The use of gradients in high resolution NMR spectroscopy"                                      |
| <b>11.00</b> | Dr M A Horsfield (University of Leicester)<br>"Susceptibility gradients in porous media: applications in the oil industry"                 |
| <b>11.30</b> | Dr P Kinchesh (Queen Mary & Westfield College, University of London)<br>"Magnetic Resonance Imaging in Stray Fields"                       |
| <b>12.00</b> | Dr S Blackband (Hull Royal Infirmary)<br>"High Resolution MRI and Microscopy"  |
| <b>12.30</b> | <b><u>LUNCH</u></b>  |
| <b>14.00</b> | NMRDG Business   |
| <b>14.15</b> | Professor R Ordidge (University College, London)<br>"Removal of the effects of susceptibility-induced gradients in the MRI of human brain" |
| <b>15.00</b> | Dr J A B Lohman (Bruker Spectrospin Limited, Coventry)<br>"Application of R.F. field gradients in high resolution NMR spectroscopy"        |
| <b>15.30</b> | Dr T A Carpenter (University of Cambridge)<br>"Novel gradient design and biomedical applications of diffusion weighted and functional MRI" |
| <b>16.15</b> | <b><u>TEA</u></b>  |