

NMR Discussion Group Christmas 2007 Meeting

Wednesday 12th December 2007

Institute of Child Health, 30 Guilford Street, London WC1N 1EH

Morning session chair: Melinda Duer, University of Cambridge

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| 10.00 - 10.25 | Registration and refreshments |
| 10.25 - 10.30 | Introduction and welcome |
| 10.30 - 11.05 | Steven Brown, University of Warwick
Organic Molecules in the Solid State: Probing Intermolecular Interactions by Solid-State NMR |
| 11.05 - 11.40 | Lyndon Emsley, ENS de Lyon
NMR Crystallography of Proteins |
| 11.40 - 12.00 | Vadim Zorin, University of Durham
Studying structure and dynamics in pharmaceutical solvates by solid-state NMR |
| 12.00 - 12.45 | Geoffrey Bodenhausen, EPF de Lausanne, ENS de Paris
Some recent progress in liquids and solids |
| 12.45-13.55 | Buffet Lunch |

Afternoon session chair: John Parkinson, University of Strathclyde.

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| 13.55 - 14.00 | NMRDG Business |
| 14.00 - 14.35 | Tim Claridge, University of Oxford
Notes from a small molecule: exploring some protein-ligand interactions |
| 14.35 - 15.05 | Mathias Nilsson, University of Manchester
Pure Shift DOSY: Simplifying and Separating the Spectra of Mixture Components |
| 15.05 - 15.40 | Chris Hunter, University of Sheffield
Three-dimensional structure from complexation-induced changes in chemical shift |
| 15.40 - 16.20 | Peter Sadler, University of Warwick
Metallodrugs: from NMR to design and mechanism of action. |
| 16.20 - 16.25 | Closing remarks |
| 16.25 | Refreshments and departure |