

NMR Discussion Group Christmas 2013 Meeting

Tuesday 17th December 2013

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

Morning session chair: *Iain Day, University of Sussex*

- 10.00 – 10.25 Registration and refreshments
- 10.25 – 10.30 Introduction and welcome
- 10.30 – 11.10 **Stefano Caldarelli, *L'Université d'Aix-Marseille***
Demixing of complex NMR spectra: multiple-quantum coherences and specialized data processing
- 11.10 – 11.35 **Nicholle Bell, *University of Edinburgh***
Separation by NMR; 3D and 4D NMR experiments for the analysis of complex mixtures
- 11.35 – 12.10 **Julie Fisher, *University of Leeds***
Metallo-supramolecular systems; self sorting phenomena and ligand exchange studies
- 12.10 – 12.45 **Michael Ries, *University of Leeds***
NMR Diffusion studies of carbohydrate solvation in the room temperature ionic liquid 1-ethyl-3-methyl-imidazolium acetate
- 12.45 – 14.00 Buffet Lunch

Afternoon session chair: *Melanie Britton, University of Birmingham*

- 14.00 – 14.10 NMRDG Business
- 14.10 – 14.50 **Peter Morris, *University of Nottingham***
MR at ultra-high field (7T): Opportunities and challenges
- 14.50 – 15.20 **Matthew Renshaw, *University of Cambridge***
Operando Magnetic Resonance: Fixed-bed heterogeneous catalysis at elevated temperature and pressure
- 15.20 – 15.45 **Henri Colaux, *University of St Andrews***
Novel Conversion Pulse Schemes for MQMAS experiments
- 15.45 – 16.25 **Steve Wimperis, *University of Glasgow***
New methods in solid-state NMR
- 16.25 – 16.30 Closing remarks
- 16.30 - Refreshments and departure
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