

# NMR Discussion Group Christmas 2013 Meeting

Tuesday 17<sup>th</sup> 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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