



CCPN Conference 2014

Monday 1st September 2014

- 12.00 Registration
- 12.30 Lunch *(Dining Hall)*
- Check-in *(Reception)*
- 13.40 Meeting Starts *(Theatre)*
- 13.45 Paul Driscoll (Chair) Welcome and Introduction

Session 1: Metabolomics and MRI

Session Chair – Paul Driscoll

- 13.50 Kevin Brindle “Imaging tumour metabolism with hyperpolarized ^{13}C -labelled cell metabolites”
- 14.20 Ulrich Gunther “Using NMR to decipher metabolism in cancer”
- 14.50 Beatriz Jimenez “ ^1H NMR-based metabolomics for clinical phenotyping”
- 15.20 Tea
- 15.45 Paul Driscoll “Exploiting Chemical Exchange for NMR and MRI”
- 16.15 Discussion
- 16.45 Geerten Vuister “CCPN: past and new developments”
- 17.45 Poster session *(Room C18)*
- 19.15 Dinner *(Dining Hall)*

Tuesday 2nd September 2014

08.00 *Breakfast* (Dining Hall)

08.55 Meeting starts

Session 2: DNP and Solid state NMR

Session Chairs – Phil Williamson

- 09.00 Jiafei Mao “DNP-enhanced SSNMR on membrane proteins – practical considerations and in-house examples”
- 09.30 Mark Lorch “How I stop worrying about broad lines and learned to love DNP”
- 10.00 Boyan Bonev “Molecular recognition in membranes: solid state NMR, in silico and DNP approaches”
- 10.30 *Coffee*
- 11.00 Józef Lewandowski “Fast magic angle spinning: from protein dynamics to structural studies of large protein complexes in nanomolar quantities”
- 11.30 Discussion
- 12.25 Rasmus Fogh CCPN Assembly meeting
- 12.45 *Lunch* (Dining Hall)
- 13.30 Walk Meet in main reception
- 18.00 Poster Session (Room C18)
- 19.15 *Conference Dinner and Poster Prize Presentation*

Wednesday 3rd September 2014

- 08.00 *Breakfast* (Dining Hall)
Check-out of room (luggage room available)
- 09.15 Meeting starts

Session 3: Function, Structure and Dynamics studied by NMR

Session Chairs – Marie Phelan/Paul Driscoll

- 09.20 Frans Mulder “Protein Dynamics: from methyl groups to domain motions on the ribosome”
- 10.00 Fabien Ferrage “Protein Dynamics from NMR relaxation: from high to low fields; from order to disorder”
- 10.30 Uli Schwarz-Linek “Isopeptide tagging and PELDOR: tools for tricky targets”
- 11.00 *Coffee*
- 11.30 Flemming Hansen “Loops, side chains and ions: probing dynamic functional hotspots in proteins”
- 12.00 Discussion
- 12.40 Discussion - Overall meeting
- 12.55 Paul Driscoll Closing remarks
- 13.00 Conference ends

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