NMR Course

Monday Feb 4th (Medical Sciences Teaching Centre (Room LGa)

9:30-10:45am	Introduction to Biomolecular NMR (C Redfield)
10:45-11am	coffee/tea break
11am-12:30pm	Introduction to Assignment of Protein NMR Spectra
12:30-1:30pm	lunch break (lunch is not provided)
1:30-3:15pm	Assignment of Protein NMR Spectra (contd)
3:15-3:30pm	coffee/tea break
3:30-5pm	Assignment using ^{15}N and ^{13}C Labeling

Tuesday Feb 5th (Medical Sciences Teaching Centre (Room LGa)

9:30-10:45am	Assignment using ^{15}N and ^{13}C Labeling (contd) (C Redfield)
10:45-11am	coffee/tea break
11-12:30pm	Assignment Practical (C Redfield)
12:30-1:30pm	lunch break (lunch is not provided)
1:30-3:15pm	Extracting Structural Information from NMR Data (with exercises)
3:15-3:30pm	coffee/tea break
3:30-5pm	Structure Determination (with exercises)

Wednesday Feb 6th (Medical Sciences Teaching Centre (Room UGa)

9:30-10:45am	Using NMR to study Intrinsically Disordered Proteins (J Vakonakis)
10:45-11am	coffee/tea break
11-11:30am	Paul Elliott
11:30-12:45pm	NMR of Nucleic Acids (J Ortega-Roldan)
12:45-1:45pm	lunch break (lunch is not provided)
1:45-3:15pm	Protein Dynamics (C Redfield)
3:15-3:30pm	coffee/tea break
3:30-5pm	Assignment Practical (C Redfield)

Thursday Feb 7th (Medical Sciences Teaching Centre (Room UGc)

9:30-10:45am	Use of NMR for identification and conformational determination of oligosaccharides and related alkaloids (M Wormald)
10:45-11am	coffee/tea break
11-12:30pm	Principles and applications of biological solid-state NMR (A Watts)
12:30-1:30pm	lunch break (lunch is not provided)
1:30-2pm	Sarah Nurmohamed
2-3:15pm	Protein-ligand interactions by NMR (C Redfield)
3:15-5pm	NMR practical (C Redfield)

Friday Feb 8th (Medical Sciences Teaching Centre (Room LGb)

9:30-10:45pm	Solid-state NMR for protein structure determination (P Judge)
10:45-11am	coffee/tea break
11-11:30am	Sarah Shammas
11:30-12:45pm	Solution NMR Studies of Membrane Proteins (J Schnell)

Course finishes!