

NMR Discussion Group (NMRDG) December Meeting 2022

Thursday the 15th day of December 2022

Zoom: Click [here](#) to join

Meeting ID: 970 8185 3057
Passcode: 190327

Morning session

Chair: Sara Whittaker, University of Birmingham

- 10:00 – 10:05 **Simon Duckett, Chair of the NMRDG**
Introduction and welcome
- 10:10 – 10:45 **Fabien Ferrage, École normale supérieure de Paris**
“Dynamics in biological systems from high-resolution relaxometry”
- 10:50 – 11:20 **Tommy Whewell, University of Lancaster**
“NMR Crystallography of Organic Anode Materials for Lithium- and Sodium-Ion Batteries”
- 11:25 – 12:00 **Guiliana Fusco, Imperial College London**
“Probing functional and pathological interactions of α -synuclein using biomolecular NMR”
- 12:05 – 12:40 **Chris Waudby, University College London**
“Analysis of side-chain dynamics using slow-relaxing methyl quadruple-quantum coherences”
- 12:40 – 14:00 **Lunch**

Afternoon session

Chairs: Gogulan Karunanithy, Refeyn

- 14:00 – 14:15 **Andy Gibbs and Iain Day**
“NMRDG Business”
- 14:15 – 14:50 **Isabella Felli, University of Florence, Centro Risonanze Magnetiche**
“The role of highly flexible regions in orchestrating the properties of multi-domain proteins: insights from ^{13}C detected NMR experiments”
- 14:55 – 15:25 **Ngai Lam Chung, University of Oxford**
“Investigating the dynamics behind the oligomerisation of the Influenza A matrix 1 protein”
- 15:30 – 16:05 **Jose L. Ortega-Roldan, University of Kent**
“New NMR tools to understand membrane interactions of small molecules and proteins”
- 16:10 – 16:15 **Closing remarks: Simon Duckett, Chair of NMRDG**