Joint NMRDG/BRSG Winter Meeting

Burlington House, London | 10th-11th December 2026

Day 1

10:00 – 10:30
Arrival and refreshments

Morning Session

Chair: Frédéric Blanc

10:30 – 10:35 **Stuart Elliott**
Opening remarks

10:35 – 11:05 **Simon Duckett, University of York**
Lighting up transient species: parahydrogen NMR for reaction monitoring

11:05 – 11:35 **Nicholle Bell, University of Edinburgh**
Spirits and spins: applications of NMR to scotch whisky

11:35 – 11:55 **Helena Loan, University of Warwick** *(PG Prize Winner)*
Exploring surface terminations and water dynamics in the MXene $Ti_3C_2T_x$

11:55 – 12:35 **Thomas Meersman, University of Nottingham**
Structural, functional, and dynamical examination of industrial materials using hyperpolarized ^{129}Xe NMR and MRI

12:35 – 13:55
Lunch

Afternoon Session

Chair: Melanie Britton

13:55 – 14:10 **Christina Redfield & Meghan Halse**
NMRDG business

14:10 – 14:35 **Paolo Cerreia Vioglio, University of Warwick**
NMR of natural spider silks

14:35 – 14:55 **Selina Wiesner, University of Cambridge** *(PG Prize Winner)*
Exploring CO_2 adsorption in porous activated carbons using NMR spectroscopy

14:55 – 15:25 **Refreshments**

15:25 – 15:55 **Rivka Isaacson, King's College London**
The moving molecular machinery of proteostasis

15:55 – 16:25 **Gareth Morris, University of Manchester**
The problem of J-spectroscopy – you wait 50 years for a solution and four come along at once

16:25 – 16:30 **Christina Redfield**
Closing remarks

16:30 – 19:00
Networking and refreshments

19:00
Departure

Joint NMRDG/BRSG Winter Meeting

Burlington House, London | 10th-11th December 2026

Day 2

09:15 – 10:00 **Ralph Adams, University of Manchester**
Application and implementation of pure shift and GEMSTONE

10:00 – 10:30
Arrival and refreshments

Morning Session

Chairs: Thomas Eykyn & Daniel Lee

10:30 – 10:40 **Thomas Eykyn**
Opening remarks

10:40 – 11:05 **Karen Johnston, University of Durham**
Motional modulation of the quadrupolar interaction as a structural probe in Li-based solid electrolytes

11:05 – 11:20 **Rose Montgomery-Danagher, University of Cambridge**
Operando magnetic resonance imaging studies of pharmaceutical freeze-drying processes

11:20 – 11:35 **Sam Raju, University of York**
Harnessing SABRE for low concentration analyte detection

11:35 – 11:50 **Yuhang Yang, University of Manchester**
Dynamics studies of proton conduction in a modulated metal-organic framework with isolated pores

11:50 – 12:05 **James Robertson, King's College London**
Enabling advances in diffusion MRI through multi-channel denoising

12:05 – 12:30 **Giuseppe Pileio, University of Southampton**
Voltage-tunable inductively coupled planar microcoils for microfluidic NMR

12:30 – 14:00
Lunch

12:30 – 12:45
BRSG committee meeting

Afternoon Session

Chairs: Giuseppe Pileio & John Griffin

14:00 – 14:25 **Michael Hope, University of Warwick** *(NMRDG/BRSG Prize Winner)*
Measuring, calculating, and overcoming large anisotropies in energy materials

Celebrating Jim Emsley and Jim Feeney, Memories and Legacies

14:25 – 15:00 **David Neuhaus, MRC Laboratory of Molecular Biology**
How the enzyme PARP-1 recognises DNA single-strand breaks

15:00 – 15:30 **Refreshments**

15:30 – 16:00 **Christie Aroulanda, Université Paris-Saclay**
Stereochemical challenges highlighted using NMR in chiral liquid crystalline solvents

16:00 – 16:30 **Malcolm Levitt, University of Southampton**
NMR of endofullerenes dissolved in a liquid crystal

16:30 – 16:40 **Thomas Eykyn**
Closing remarks and Founder's Prize

16:40
Departure