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An Interest Group of the Royal Society of Chemistry
Charity Registration No. 207890

NMR Discussion Group 2015 Christmas Meeting

50 Years of Progress in NMR Spectroscopy: Emsley, Feeney and Sutcliffe

Date of meeting: Tuesday 15th December 2015

Meeting venue: Institute of Structural and Molecular Biology
Birkbeck College
Clare Lecture Theatre (B01)
Clare Management Centre
Torrington Square
London
WC1E 7JL

Dear Member,

The NMR Discussion Group would like to invite you to the 2015 Christmas Meeting, which will be held at the Clare Lecture Theatre (B01), Birkbeck College, London. The meeting celebrates the publication of the two-volume text High Resolution NMR Spectroscopy in 1965, and the first publication of Progress in NMR Spectroscopy in 1966, respectively written and edited by Jim Emsley, Jim Feeney and Les Sutcliffe. The meeting will open at 10.00 for registration and refreshments, and close at 16.20. Jim Emsley, Jim Feeney and Les Sutcliffe will present short talks, followed by talks from distinguished scientists who have worked closely with them. A detailed programme for the event is included below.

The meeting will take place on **Tuesday 15th December** at the easily accessed Institute of Structural and Molecular Biology, Birkbeck College, London. Relevant maps showing the venue location within London and also connections with the local underground stations are shown below. Interactive street maps can be accessed using the link:

<https://www.google.com/maps/d/viewer?mid=zIdIPcMj8ThY.keOeBv580kYQ&hl=en>

If you would like to attend the event, please complete the on-line registration form via the link available on <http://www.nmrdg.org.uk> or via the link on the RSC website

<https://events.rsc.org/rsc/frontend/reg/tSelectBookingMode.csp?pageID=213340&eventID=753&empPersonID=263619&eventID=753>

Registration will close on **Friday 4th December 2015** and the standard fee is £45.00. However, if you are a student or retiree, then a concessionary rate of £25.00 will apply (Retirees are advised to register as a student to qualify for the concessionary rate, quoting 'NMR DG' if requested to supply the name of a supervisor). For further information, please do not hesitate to send an E-mail to info@nmrdg.org.uk.

The NMR DG Christmas meeting has been organized in conjunction with the BRSG Christmas meeting, which will be held at the Institute of Physics, London, on Monday 14th December (The day preceding the NMR DG Christmas meeting). The BRSG meeting will be dedicated to NMR Crystallography, and further details can be found on the Institute of Physics website using the link below:

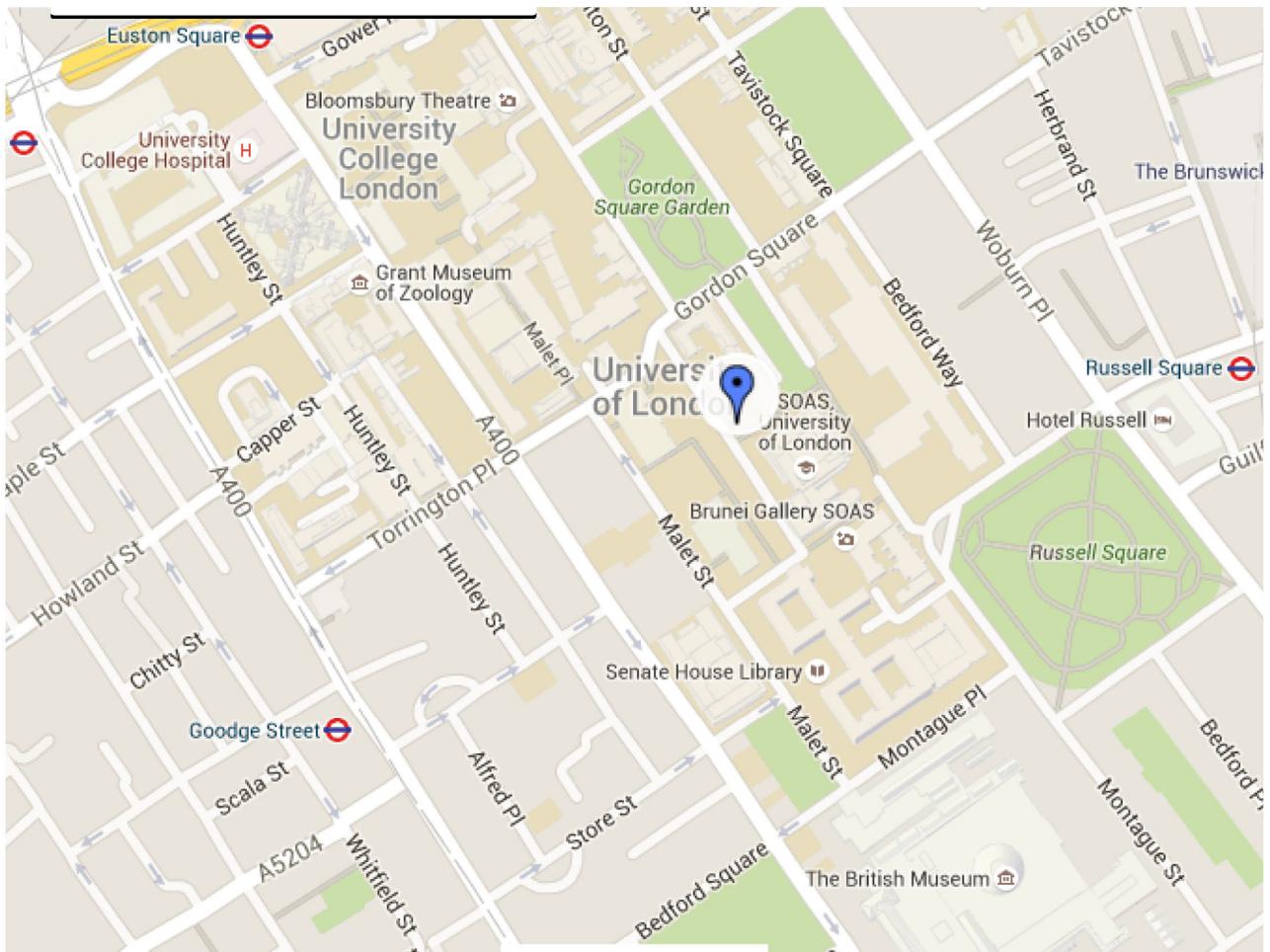
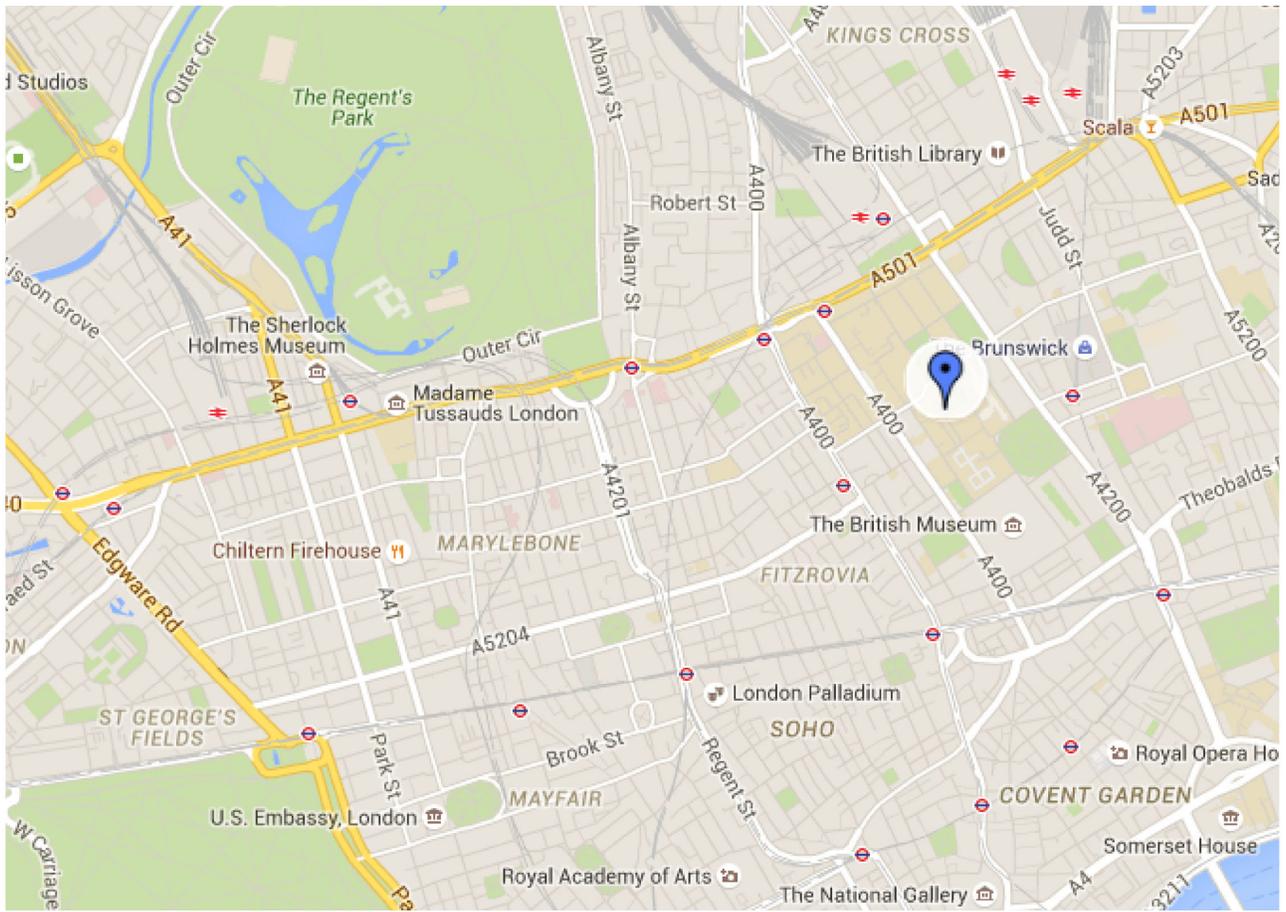
<http://www.iop.org/events/scientific/group/index.html#/?i=1>

Yours sincerely,

Prof Mike Williamson – Meeting Organiser

Prof Gareth Morris – NMR DG Chairperson

Dr Stephen Byard - NMR DG Secretary



NMR Discussion Group Christmas 2015 Meeting

50 Years of Progress in NMR Spectroscopy: Emsley, Feeney and Sutcliffe

Tuesday 15th December 2015

**Birkbeck College, Clore Lecture Theatre (B01), Clore Management Centre, Torrington Square,
London WC1E 7JL**

10.00 – 10.25 Registration and refreshments

Morning session chair: Mike Williamson, University of Sheffield

10.25 – 10.30 Introduction and welcome

10.30 – 10.45 **Les Sutcliffe, University of Surrey**
How it all started

10.45 – 11.15 **Steve Matthews, Imperial College, London**
Order and disorder in proteins – beyond nOes

11.20 – 11.50 **Melanie Britton, University of Birmingham**
Through the chemical looking glass: what MRI can reveal about batteries, corrosion and electroplating

11.55 – 12.10 **Jim Feeney, MRC Biomedical NMR Centre, Mill Hill**
Following NMR's Progress

12.10 – 12.40 **Angela Gronenborn, University of Pittsburgh**
Synergy between NMR, cryo-EM and large-scale MD simulations – an atomic model of the HIV capsid

12.45 – 14.00 Lunch and refreshments

14.00 – 14.15 NMR DG Business

Afternoon session chair: David Neuhaus, MRC Laboratory of Molecular Biology

14.15 – 14.45 **Gordon Roberts, University of Leicester**
Metallo- β -lactamases: structures, zincs and loops

14.50 – 15.05 **Jim Emsley, University of Southampton**
The evolution of Progress in NMR

15.05 – 15.35 **Geoffrey Luckhurst, University of Southampton**
The fourth nematic liquid crystal. Twist, bend and order identified with ^2H NMR spectroscopy

15.40 – 16.10 **Denis Merlet, Université Paris-Sud**
New developments for molecular structural determination of flexible compounds using liquid crystal as NMR solvent

16.15 – 16.20 **Closing remarks – Gareth Morris**

16.30 - Refreshments and departure
