

NMR DISCUSSION GROUP

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A Subject Group of the Royal Society of Chemistry
Charity Registration No. 207890

NMR Discussion Group Spring 2012 Meeting

NMR Trends in Bio-inorganic and Inorganic Chemistry

Date of meeting: Wednesday 21st March 2012

Meeting venue: The Scarman Lecture Theatre,
University of Warwick,
Gibbet Hill Road
Coventry CV4 7AL,
UK

Dear Member,

We are pleased to announce the speaker list and presentation titles for the forthcoming spring 2012 NMR Discussion Group meeting. The theme of the meeting is the applications of NMR in bio-inorganic and inorganic chemistry, which continues to provide an exciting and advancing area of research. The presentations cover a diverse range of subjects and the speakers are internationally recognized for their scientific contributions. It is intended that the meeting will be of interest to the majority of spectroscopists of different backgrounds, either through direct relevance or through general interest.

A poster session will be held during the buffet lunch session, and presenters will be able to register for the meeting at a concessionary rate. The closing date for receipt of poster abstracts is **17th February 2012**.

The meeting will take place at the easily accessed Scarman Lecture Theatre, at the University of Warwick. A map of the location, with directions, can be found at: <http://www2.warwick.ac.uk/conferences/howtofindus/>

If you would like to attend please complete the on-line registration form via the link:
<http://www.rsc.org/Membership/Networking/InterestGroups/NMR/ForthcomingEvents.asp>
Registration will close on **Friday 2nd March** and the standard fee is £65.00. However, if you are a student or retiree, or submit a poster abstract, then a concessionary rate of £35.00 will apply.

For further information, please contact us via info@nmrdg.org.uk

Yours sincerely,

Conference organisers

Dr Stephen Byard - NMR DG Secretary
Dr John Parkinson - NMR DG Treasurer

NMR Trends in Bio-inorganic and Inorganic Chemistry

Wednesday 21st March 2012

*The Scarman Lecture Theatre, University of Warwick, Gibbet Hill Road
Coventry CV4 7AL, UK*

10.00 – 10.25 Registration and refreshments

10.25 – 10.30 Introduction and welcome

Mark Smith, *University of Lancaster*

Recent applications of multinuclear solid state NMR to inorganic materials: low-gamma nuclei and high fields

Jon Iggo, *University of Liverpool*

NMR Studies of Functional Chemical Systems

Robin Perutz, *University of York*

Photochemistry Inside the Probe – Flash NMR

Buffet Lunch and informal poster session

The subject of posters can be any magnetic resonance related discipline

Lucia Banci, *University of Florence*

NMR in Mechanistic Systems Biology: processes of metal transport

Ramon Vilar, *Imperial College, London*

Use of NMR and MRI to probe the interaction of metal complexes with bio-molecules

Claudia Blindauer, *University of Warwick*

Non-vertebrate metallothioneins: delights and vexations caused by histidines

Roland Sigel, *University of Zurich*

Metal ions and the catalytic core of a self-splicing ribozyme as revealed by NMR and single molecule FRET

16.25 – 16.30 Closing remarks

16.30 - Refreshments and departure
