

# NMR DISCUSSION GROUP

**Chairman:**

Dr Mike Williamson CChem FRSC  
Chairman  
Department of Molecular Biology and  
Biotechnology, Firth Court, Western Bank,  
The University of Sheffield, Sheffield S10 2TN  
Tel: +44 (0) 114 2224224  
Fax: +44 (0) 114 2222800  
Email: [M.Williamson@sheffield.ac.uk](mailto:M.Williamson@sheffield.ac.uk)

**Secretary:**

Dr. Stephen Byard CChem FRSC  
Covance  
Willowburn Avenue  
Alnwick  
Northumberland NE66 2JH  
Tel: +44 (0) 1665 608300  
Fax: +44 (0) 1665 603539  
Email: [Stephen.byard@covance.com](mailto:Stephen.byard@covance.com)

**Treasurer:**

Dr. John Parkinson CChem FRSC  
Department of Pure & Applied Chemistry  
University of Strathclyde  
Thomas Graham Building  
295 Cathedral Street,  
Glasgow G1 1XL  
Tel: +44 (0) 141 5482820  
Fax: +44 (0) 141 5484822  
Email: [john.parkinson@strath.ac.uk](mailto:john.parkinson@strath.ac.uk)

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 21<sup>st</sup> 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 **17<sup>th</sup> 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 2<sup>nd</sup> 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](mailto: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 21<sup>st</sup> 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

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