

NMR Discussion Group, Analytical Section KNCV

It is a pleasure to invite you to the next scientific symposium of the NMR Discussion Group, to be held at the Bijvoet Center for Biomolecular Research of Utrecht University on Friday 8 October 2004.

The lecture hall, lunches, coffee, tea and refreshments are offered by the local organization Bijvoet Center for Biomolecular Research in collaboration with the NMR-DG. We are grateful for financial support by Bruker Nederland, Unilever Vlaardingen and Spectra Stable Isotopes (Suraj Manrao) to enable our symposium. Hence we will waive the registration fees for the symposium.

Location: <http://www.uu.nl/educatorium/>
Theatron zaal, Educatorium, Universiteit Utrecht
Leuvenlaan 19, 3584 CE, Utrecht, Universiteitscentrum De Uithof
Phone: 030 253 8538
Bus: stadsbus lijn 11 en 12
Route description: <http://www.uu.nl/educatorium/wiewatwaar.htm>

Lunch, borrel and tour at the Department of NMR Spectroscopy:
<http://www.nmr.chem.uu.nl>
Nicolaas Bloembergengebouw, Utrecht University
Phone: 030 253 2652
Official entrance: via H.R. Kruijtgebouw, bridge on 1st floor East
Padualaan 8, 3854 CH Utrecht, The Netherlands

For the reception and lunch the door on the ground floor at the Leuvenlaan will be opened for a shortcut to the Educatorium

Route description: http://www.nmr.chem.uu.nl/new/how_to_find.html

Registration

We have restricted this mailing to our e-mail addressable members. We therefore urge all of you to make people at your institute aware of this NMR-DG meeting. For those of you who received the information of the coming symposium through colleagues, please, tell us your email address to ensure that you receive forthcoming mailings.

To make the necessary preparations for the lunch and the poster session, the registration deadline has been set at Friday, September 25, 2004, 5.00 PM. Registration is possible at our new web-site <http://www.nmr-dg.nl>, or by phone, fax or e-mail with the secretary of the Department of NMR Spectroscopy in Utrecht, Phone: 030-2532652, Fax: 030-2537623, e-mail secr@nmr.chem.uu.nl.

Poster session

Please send us full details on the posters to be presented on behalf of your institute or company (Title, Authors, Name of the presenter and Name of the Institute(s)) not later than Friday, September 25, 2004. The titles of the posters will be emailed in the week before the meeting. The NMR-DG will award the best poster presentation with a prize.

Program:

9.30 Reception with coffee.

Chair: Pieter Magusin

10.00 Opening and Welcome

10.10 Rolf Boelens, *Utrecht University*, Research at the Utrecht NMR Center.

10.40 Jeroen Pikkemaat, *Philips Eindhoven*, Characterization of a novel photo-cycloaddition product in irradiated cinnamate-acrylate mixtures by GC-MS and NMR

11.10 Harald Schwalbe, *Frankfurt University*, NMR Investigations of Structure, Dynamics and Folding of RNA

11.50 Francesco Buda, *University of Leiden*, On the coloration mechanism of crustacyanin in the lobster shell: NMR and theoretical modeling

12.20 - 14.00 Poster session and lunch buffet offered by the Bijvoet Center for Biomolecular Research in collaboration with the NMR-DG.

Chair: John van Duynhoven

14.00 Marc Baldus, *Max Planck Institute Göttingen*, Studying molecular structure and dynamics by high-resolution solid-state NMR

14.40 Henk van As, *Wageningen University*, Combined relaxation and pfg MRI to reach sub-pixel information

15.10 Ernst van Eck, *University of Nijmegen*, Determination of ²⁷Al-¹³C distances in aluminiumalkoxides and zeolites using TRAPDOR experiments

15.40 Claudio Luchinat, *University of Florence*, NMR of paramagnetic metalloproteins

16.20 - 17.30 Closure & Reception, tour and posters with drinks offered by the NMR Department.

News of the NMR-DG

As of September 2004, Nico van Nuland (now at the University of Granada, Spain) has been followed up by Rolf Boelens from Utrecht University in the board of the NMR-DG. The board now consists of:

- Pieter Magusin, Eindhoven Technical University

Phone 040 2472435, Fax 040 2455054, E-mail: p.c.m.m.magusin@tue.nl

- John van Duynhoven, Unilever Research Vlaardingen

Phone 010 4605534, Fax 010 4605671, E-mail: John-van.Duynhoven@Unilever.com

- Rolf Boelens, Utrecht University

Phone 030 253 4035, Fax 030 2537623, E-mail: boelens@nmr.chem.uu.nl

We also introduced a web-site for the NMR-DG at <http://www.nmr-dg.nl>, at which you find information on meetings, etc.

We hope that this symposium will be as successful as many of the preceding ones and will attract a large audience. You can contribute to this success by ensuring that everybody that may be interested in the symposium knows of it. In this way you help to realize the aims of the NMR-DG Meetings: to be a platform for exchanging experiences between all NMR Users in the Netherlands (and Belgium), whatever their specific interest, from universities,

large research and technological institutes and industries. The NMR-DG does not charge membership fees. Persons interested in attending the symposium that are not members of the NMR-DG are welcome to attend the symposium, free of charge, provided they register for attending the symposium.

4 September 2004

Pieter Magusin, John van Duynhoven and Rolf Boelens