

N M R Discussiongroup, Analytical Section KNCV

To: The members of the Dutch NMR Discussion Group

It is a pleasure to invite you to the next scientific symposium of the NMR Discussion Group, that will be held in Eindhoven at the premises of the Philips Physical Laboratory on Friday, October 26, 2001. The lecture hall, lunches, coffee, tea and refreshments are offered by the local organisation in collaboration with the NMR-DG, hence there will be no registration fees for attending the symposium.

Location: Philips CFT
Materials Analysis Department
Prof. Holstlaan 4 (WB615)
5656 AA Eindhoven

Local organisation:

Dr. Paul J.A. van Tilborg
Tel.: +31 40 274 3332 / fax: +31 40 274 3075
e-mail: paul.van.tilborg@philips.com

Preliminary program:

- 9.30 - 10.00 Reception with coffee etc.
10.00 Opening and Wellcome
10.15 P. van Tilborg
Philips Physical Laboratory
NMR at Philips
10.45 L. Pel
Eindhoven Technical University
Moisture and ion transport in building materials studied with ^1H and ^{23}Na imaging
11.15 M.A. Verhoeven, A.F.L. Creemers, P.H.M. Bovee-Geurts*, W.J. de Grip*, J. Lugtenburg, H.J.M. de Groot
Leiden University
The Electronic Structure of the Retinylidene Chromophore in Rhodopsin
11.45 Prof. J. Nicholson
Imperial College London
Recent Developments in Metabonomics
12.30 - 13.30 Lunch offered by Philips Physical Laboratory
13.30 - 14.30 Poster Session
14.30 R. Verhagen, C.W. Hilbers, H. van Kempen, A.P.M. Kentgens
Nijmegen University
Spectroscopic imaging of local structures through Magnetic Resonance Force Microscopy of Quadrupolar Nuclei
15.00 C Kalodimos
Bijvoet Center, Utrecht University
A residue-specific view of the association and dissociation pathway in protein-DNA recognition
15.30 J. Schmidt
Leiden University
ESR up till 300 GHz
16.00 V. M. Litvinov

DSM group, Central laboratories

Strain-induced phenomena in amorphous and semi-crystalline elastomers. Solid State ^1H NMR T_2 relaxation under uniaxial compression.

16.30

Closure

Please note that the timing for all lectures is preliminary and subject to change in the final program. All lectures will be presented in English.

Poster session

Experience has shown that a poster session constitutes a valuable and highly appreciated part of the scientific meetings of the NMR-DG. Therefore a poster session has been planned for the present symposium as well. Researchers may present posters at this meeting that need not be original, but may have been presented elsewhere at (inter)national conferences. The basic idea for this approach is that the Dutch (and Belgian) NMR community is so large and diverse that posters that have been presented at more or less specialized symposia elsewhere will be largely unknown to this community. This observation will hold too for the research from which these posters are derived, not only for the research in universities and research institutes, but also for the research at industrial laboratories. It is the intention of the poster session to present the broad scope of NMR research in the Netherlands and Belgium to the NMR community as a whole. The titles of the posters will be e-mailed with the final program on Monday, October 22, 2001. We would like to receive 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 October 21, 2001. The NMR-DG will award the best poster presentation with a prize.

Mailing lists and registration

This mailing is an addition and correction to the earlier restricted mailing. The earlier mailing suffered from the fact that we had no access to our most recent mailing lists, because of computer and network problems (blame Bill Gates). Presently we can reach over 85% of the persons on our mailing lists through the medium of e-mail. Because of the high costs connected with conventional mailings, we currently restrict our preliminary mailings to our e-mail addressable members. We therefore urge all of you to make people at your institute, that may not have received this mailing, because they were recently appointed in your institute or otherwise, aware of the contents of this mailing. For those of you that were made aware of the coming symposium by colleagues and that have an e-mail account, please notify us on this address in order to ensure that you receive forthcoming mailings. We really appreciate additions to our mailing lists.

Because of the logistics connected with the organization of the lunch and the poster session, the registration deadline has been set at Monday, October 22, 2001, 3.00 PM. Registration is possible by phone, fax or e-mail with Barbara Hendricx, Phone: +31 30 253 2652, Fax: +31 30 253 7623, e-mail secr@nmr.chem.uu.nl or with one of the undersigned.

Board of the NMR-DG

We have the pleasure to inform you that the board of the NMR-DG has been expanded with two members, Dr. J.P.M. van Duynhoven (Unilever Research Vlaardingen) en Dr. P.C.M.M. Magusin (Eindhoven Technical University). As of June 14, 2001, the board of the NMR-DG consists of:

M.J.A. de Bie

Bijvoet Center for Biomolecular Research

Phone: +31 30 253 3801/2652

Fax: +31 30 253 7623

E-mail: de_bie@nmr.chem.uu.nl

J.P.M. van Duynhoven
Unilever Research Vlaardingen
Phone: +31 10 460 5534
Fax: +31 10 460 5671
E-mail: John-van.Duynhoven@Unilever.com

P.C.M.M. Magusin
Eindhoven Technical University
Phone +31 40 247 2435
Fax +31 40 245 5054
E-mail: p.c.m.m.magusin@tue.nl

H. Angad Gaur.
Phone / Fax: +31 314 381254
E-mail: h.angadgaur@hccnet.nl

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.

20 September 2001

Rien de Bie

Hardew Angad Gaur