

**42nd Anniversary Meeting of the Dutch NMR-DG at Radboud University Nijmegen
Friday 12 October 2007**

It is a pleasure to invite you to the next scientific symposium of the NMR Discussion Group, to be held in Nijmegen at the premises of Radboud University on Friday 12 October 2007. The lecture hall, lunches, coffee, tea and refreshments are offered by the local organization in collaboration with the NMR-DG. We are grateful to Bruker Nederland and Unilever for their financial contribution. Hence there will be no registration fees for the symposium.

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 Affiliation) not later than Friday, October 5 to secr@nmr.chem.uu.nl. 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.

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, October 5, 2007, 5.00 PM. Registration is possible via our website www.nmr.dg.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.

September 2007

Pieter Magusin, John van Duynhoven and Rolf Boelens

Route

The meeting will be at the Radboud University in Nijmegen, in the "Huygensbuilding" (Faculty of Sciences), Toernooiveld 1 -main entrance can be found at the Heyendaalseweg, Nijmegen. Contact: 024-3652678.

From 10.00 there will be coffee in the so called "Binnenstraat Zuid", on the first floor of in the "Huygensbuilding".

Welcome and lectures start at 10.30 in room HG00.307, also on the first floor of in the "Huygensbuilding". This building can be well reached with public transport (a busstop is in front of the building, ask for busstop Heijendaalseweg-HAN).

For a description of the route

http://www.ru.nl/physchem/how_to_reach_us/route/Programme

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- 10.00 Reception with coffee
- 10.30 Prof. Dr. A. Kentgens (Radboud University Nijmegen), Opening and Welcome
- 10.40 M. Smith (Warwick University), Dynamic Nuclear Polarisation
- 11.20 J. Bart (Radboud University Nijmegen), Microfluidic NMR Chip
- 11.45 S. Nabuurs (Wageningen University), Initial folding events detected in an unfolded protein show why it forms a misfolded intermediate
- 12.10 P. Denkova (Free University of Brussels/Bulgarian Academy of Sciences)
Application of NMR spectroscopy for the investigation of molecular mobility
- 12.35-13.55
Poster session and *lunch buffet* offered by the Institute for Molecules and Materials (Radboud University Nijmegen)
- 14.00 J. Martins (University of Gent), Towards a solution NMR approach for the characterisation of colloidal nanocrystal dispersions using the capping ligand's point of view
- 14.30 P. Keizers (Leiden University), Developing paramagnetic probes for protein structure refinement
- 14.55 V. Litvinov (DSM Resolve, Geleen), Molecular heterogeneity during build up and degradation of acrylate based networks and hydrogels as studied by solid state NMR methods
- 15.20 Laudatio for the winner of the "C.J. Gorter - NMR-DG Award 2007"
- 15.30 Lecture by the Award Laureate
- 16.00-16.15 Closure
- 16.15-17.30 *Drinks* offered by the Institute for Molecules and Materials (Radboud University)

This meeting was made possible with support of the Institute for Molecules and Materials (Radboud University Nijmegen), Bruker Netherlands, Buchem, Unilever, and the Sectie Analytische Chemie (KNCV).