

43^d Meeting of the Dutch NMR-DG at the Eindhoven University of Technology, on Friday 10 October 2008

It is a pleasure to invite you to the next scientific symposium of the NMR Discussion Group, to be held in Eindhoven at the Eindhoven University of Technology on Friday 10 October 2008. The lecture hall, lunches, coffee, tea and refreshments are offered by the Eindhoven Magnetic Resonance Laboratories in collaboration with the NMR-DG. We are grateful to the KNCV Section Analytical Chemistry, Bruker Nederland, Unilever and Buchem BV for their financial contribution. Hence there will be no registration fees for the symposium.

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 Wednesday October 1, 2008, 5.00 PM. Registration is possible via our website www.nmrdg.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 Affiliation) not later than Friday, October 3 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.

Location

Eindhoven University of Technology, Auditorium, Senaatszaal / lecture hall AUD 4.
Route: 10 minutes walking from the central train station (exit to the bus square).
For a route description and site map, see <http://emrl.chem.tue.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 2008

Pieter Magusin, John van Duynhoven and Rolf Boelens

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Friday 10 October 2008 in Eindhoven

location: Auditorium, lecture hall 4

University site map and route description: <http://emrl.chem.tue.nl>,

09.30 Reception with coffee

10.00 **Klaas Nicolay** (TU/e), Opening and Welcome

10.10 **Wiebren Veeman** (Universität Duisburg-Essen) Photocatalytic degradation of polymer coatings on TiO₂ and ZnO nano-particles investigated with NMR

10.40 **Magda Witek** (Wageningen University) Time domain and CP-MAS NMR spectroscopy to study a role of water as a plasticizer in food materials

11.05 **Huib Blok** (Leiden University) Electron Paramagnetic Resonance and Electron Nuclear Double Resonance Spectroscopy at 275 GHz

11.30 **Ramon van der Werf** (Radboud University Nijmegen) RNA Structure Determination from NMR Chemical Shifts

11.55-13.30 Poster session and lunch buffet offered by the Eindhoven Magnetic Resonance Laboratories

13.30 **Klaas Pruessman** (ETH, Zürich) Ultra-high-field magnetic resonance in humans

14.00 **Renee Otten** (University of Groningen) NMR spectroscopy of large(r) proteins

14.25 **Christian Ader** (Utrecht University) Gating of a K(+) channel studied by solid-state NMR Spectroscopy.

14.50 **Ignacio Perez-Victoria** (University of Twente) Dynamic combinatorial libraries of hydrogen-bond based supramolecular self-assembled receptors

15.15 Laudatio for the winner of the "C.J. Gorter - NMR-DG Award 2008"

15.25 Lecture by the **Award Laureate**

15.55-16.10 Closure

16.10-17.30 Drinks offered by the Eindhoven Magnetic Resonance Laboratories.