

“Magnetic Resonance for the Future”

EUROMAR, 3 - 8 July 2005, Veldhoven, The Netherlands

The European Magnetic Resonance Community is moving towards an integration of Magnetic Resonance Conferences in Europe. In this the Ampère, EENC and UK NMR-DG Committees are working together for joining their meetings into one common annual series. This **EUROMAR** conference, which will take place at the Koningshof Conference Center in Veldhoven, represents a way point in this move. It is organised under the auspices of the EENC International Organising Committee with support from the Ampère and UK NMR-DG Committees. **EUROMAR** is organised by the “Stichting Chemische Congressen I”, which is affiliated to the Royal Dutch Chemical Society and the Dutch NMR Discussion Group. An Ampère Conference on advanced EPR techniques will be organised in Leiden as a satellite conference to the Veldhoven Meeting.

International Scientific Committee:

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The Conference

The key elements of the scientific program are twelve plenary keynote and main lectures, next to some 50 invited lectures and 36 selected young scientist presentations in parallel sessions. Posters are continuously on display during the conference. In the breaks coffee, tea and refreshments will be served at several locations in the poster hall to maximize the impact of posters. On Sunday and Monday several training workshops for young scientists are planned. The workshops include one under the direction of John S. Waugh and one offered by EUMatrix on multi-variate analysis. On Tuesday and Wednesday there will be guided poster tours in which experienced scientists will guide groups of young scientists to a series of representative posters highlighting recent developments. A series of meet the speakers sessions will be organised for young scientists. Vendors of magnetic resonance related products will have the opportunity for vendor presentations in the poster sessions next to their activities in vendor suites.

The Veldhoven meeting covers all areas of magnetic resonance in its lectures and poster sessions:

Methodological developments

- New liquid and solid state NMR experiments for biological applications
- New methods in solid state NMR
- New ESR experiments
- Developments in Magnetic Resonance Imaging

Computational aspects

- Calculation of NMR/ESR parameters
- From experimental data to information

Emerging technologies

- Ultra-fast NMR
- Quantum Computing
- Molecular imaging

Exploiting polarisation

- Broad line NMR/ESR
- Dynamic Nuclear Polarization
- Sensitivity enhancement in Magnetic Resonance
- Spin relaxation

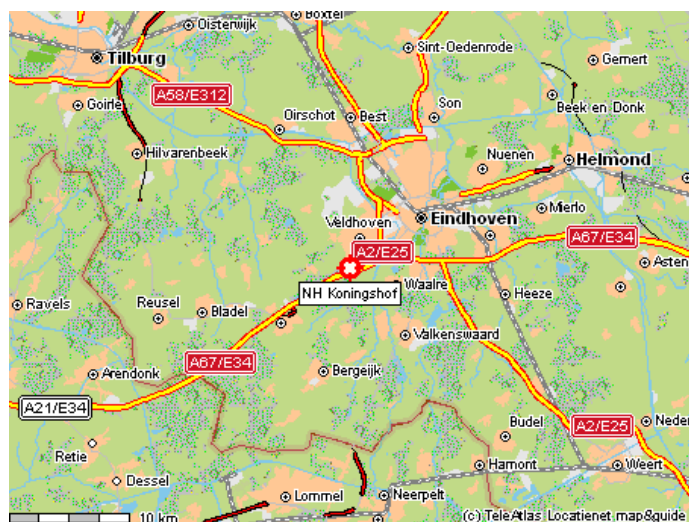
Advanced Application Areas

- Materials research
- Nanoscience research
- Systems biology
- Dynamic and transport phenomena
- Screening and metabolomics
- Analytical applications of MR



The meeting starts on Sunday afternoon and ends on Friday morning. More information on EUROMAR, on-line registration, poster submission, and grant application is available on our WEBSites:

www.eenc2005.org and www.euromar.org, and from info@euromar.org.



The Koningshof, which has all conference facilities under one roof, is located close to Eindhoven. It lies relatively isolated in a splendid environment with many leisure activities in the vicinity. It offers accommodation in single and double rooms for some 725 conference delegates. The rooms have direct-dial telephone, cable TV and (wireless) internet access. There are rooms specially adapted for the disabled and non-smoking rooms. The facilities include a restaurant (Porticato), bars, outdoor summer bar-café, laundry service, vending machines, sports facilities (gymnasium, fitness centre, sauna, indoor swimming pool, tennis and squash courts) and bicycling. The participants will take all meals at the center. Vendor suites will be open to the participants daily from 16.00. This ambiance ensures intensive social contacts between all participants, and offers excellent opportunities for vendor activities.



The Koningshof

Social Program

The social program includes a welcome mixer followed by a snacks buffet dinner on Sunday afternoon, wine and cheese parties during the poster sessions, special events offered by various vendors and a farewell dinner in Caribbean style on Thursday evening.

Travel

The Koningshof is easily reached by car. There are extensive parking facilities. Bus services connect the Eindhoven Central Station to the Koningshof. Eindhoven CS is easily reached from the airports of Eindhoven, Schiphol and Maastricht/Aachen, that are served by several low-cost airlines. Other useful nearby airports that are served by low-cost airlines are located in Charleroi (B) and the Ruhr area (D). Some shuttle services will be available on Sunday afternoon from Eindhoven CS and Eindhoven Airport.

Call for posters

Prospective participants are urged to submit poster abstracts on the subjects indicated above. In case the poster should be considered for a contributed oral presentation, the deadline for submission is 18 March 2005. The deadline for all other posters is 20 May 2005. Posters received after this date will not be included in the Abstract book. All poster abstracts will be peer reviewed; authors will be informed timely on the acceptance or rejection of their poster. Poster submission forms will be available on the EUROMAR WEBSites from 24 January 2005.

Call for nominations for the Russell Varian Prize 2005

The prize honors the memory of the pioneer behind the first commercial Nuclear Magnetic Resonance spectrometers and co-founder of Varian Associates. The prize is awarded to a researcher based on a *single* innovative contribution (a single paper, patent, lecture, or piece of hardware) that has proven of high and broad impact on state-of-the-art NMR technology. The prize aims to award the initial contribution that laid the ground for the specific technology of great importance in state-of-the-art NMR. It is sponsored by Varian Inc. and carries a monetary award of 15,000 Euro. The award ceremony will take place at the EUROMAR 2005 on Tuesday evening before the keynote lecture. Nominations must be forwarded by e-mail to the Secretary of the Prize Committee, Vladimír Sklenář, at sklenar@chemi.muni.cz. The deadline for nominations is 11 February 2005. More information is available on the EUROMAR WEBSites.

Satellite meetings

The organisers are planning to attract satellite meetings for participants in European projects. Co-ordinators of such projects are cordially invited to contact the Conference Director (e-mail: secr@euromar.org).

Sponsoring

The organisers cordially invite vendors of MR equipment and related products to contact the Conference Director for sponsoring the meeting, planning of vendor activities, and the reservation of vendor suites (secr@euromar.org).

Draft program for EUROMAR 2005

The names of the invited speakers, that are being invited, and the complete topics of the workshops will be announced 20 February 2005. The final program will be available from 22 April 2005 on the EUROMAR WEBSites.

Sunday, 3 July 2005					
12.00 - 19.30	Arrival and registration				
15.30 - 17.30	Workshops (among others by John S. Waugh and by Eumatrix)				
17.30 - 19.45	Get-together with snacks buffet				
20.00 - 21.00	Keynote Opening Lecture: R. Kaptein				
21.00 - 01.00	Mounting of posters; hospitality suites				
Monday, 3 July 2005			Tuesday, 5 July 2005		
07.00 - 08.30	Breakfast		07.00 - 08.30	Breakfast	
08.30 - 10.00	Plenary lectures: Beat Meier and Dan Rugar		08.30 - 10.00	Plenary lectures: Lucio Frydman and Claire Grey	
10.00 - 10.30	Break		10.00 - 10.30	Break	
10.30 - 12.40	Parallel Session Ia Dynamics: Liquids I	Parallel Session Ib EPR I	10.30 - 12.40	Parallel Session IIIa Biomolecular Interactions: Liquids II	Parallel Session IIIb Materials: Solids II
10.30 - 12.00	3 Invited Lectures	3 Invited Lectures	10.30 - 12.00	3 Invited Lectures	3 Invited Lectures
12.00 - 12.40	2 Contributed lectures	2 Contributed lectures	12.00 - 12.40	2 Contributed lectures	2 Contributed lectures
12.45 - 14.00	Lunch		12.45 - 14.00	Lunch	
14.00 - 16.10	Parallel Session IIa Methods: Solids I	Parallel Session IIb MRI	14.00 - 16.10	Parallel Session IVa Fast NMR: Liquids III	Parallel Session IVb Methods: Solids II
14.00 - 15.30	3 Invited Lectures	3 Invited Lectures	14.00 - 15.30	3 Invited Lectures	3 Invited Lectures
15.30 - 16.10	2 Contributed lectures	2 Contributed lectures	15.30 - 16.10	2 Contributed lectures	2 Contributed lectures
16.10 - 16.30	Break		16.10 - 16.30	Break	
16.30 - 18.30	Workshops		16.30 - 18.00	Guided poster tours, meet the speakers for young scientists	
16.30 - 17.30	Vendor presentations		16.30 - 17.30	Vendor presentations	
16.10 - 18.30	Poster Session with Refreshments		16.10 - 18.30	Poster Session with Refreshments	
19.00 - 20.30	Dinner		19.00 - 20.30	Dinner	
20.30 - 21.30	Keynote lecture: Alex Pines		20.30 - 22.00	Keynote lecture: Ad Bax Presentation of Russell Varian Award	
16.30 - 01.00	Hospitality Suites		16.30 - 01.00	Hospitality Suites	
Wednesday, 6 July 2005			Thursday, 7 July 2005		
07.00 - 08.30	Breakfast		07.00 - 08.30	Breakfast	
08.30 - 10.00	Plenary lectures: Jeremy Nicholson and Bob Griffin		08.30 - 10.00	Plenary lectures: Malcolm Levitt and Lewis Kay	
10.00 - 10.30	Break		10.00 - 10.30	Break	
10.30 - 12.40	Parallel Session Va BioNMR: Solids IV	Parallel Session Vb MRI II	10.30 - 12.40	Parallel Session VIIa Screening: Liquids V	Parallel Session VIIb EPR III
10.30 - 12.00	3 Invited Lectures	3 Invited Lectures	10.30 - 12.00	3 Invited Lectures	3 Invited Lectures
12.00 - 12.40	2 Contributed lectures	2 Contributed lectures	12.00 - 12.40	2 Contributed lectures	2 Contributed lectures
12.45 - 14.00	Lunch		12.45 - 14.00	Lunch	
14.00 - 16.10	Parallel Session VIa Dynamics: Liquids IV	Parallel Session VIb EPR II	14.00 - 16.10	Parallel Session VIIIa Computing	Parallel Session VIIIb Materials: Solids V
14.00 - 15.30	3 Invited Lectures	3 Invited Lectures	14.00 - 15.30	3 Invited Lectures	3 Invited Lectures
15.30 - 16.10	2 Contributed lectures	2 Contributed lectures	15.30 - 16.10	2 Contributed lectures	2 Contributed lectures
16.10 - 16.30	Break		16.10 - 16.30	Break	
16.30 - 18.00	Guided poster tours, meet the speakers for young scientists		16.30 - 18.30	Parallel Session IXa Protein folding: Liquids VI	Parallel Session IXb General: Solids VI
16.30 - 17.30	Vendor presentations		16.30 - 17.30	2 Invited Lectures	2 Invited Lectures
16.10 - 18.30	Poster Session with Refreshments		17.30 - 18.30	3 Contributed lectures	3 Contributed lectures
19.00 - 20.30	Dinner		18.30 - 19.30	Take down of posters	
20.30 - 21.30	Keynote lecture: To be announced		19.30 - 23.00	Farewell dinner in Caribbean Style	
16.30 - 01.00	Hospitality Suites				
Friday, 8 July 2005					
07.00 - 08.30	Breakfast				
08.30 - 12.00	Departure				
10.00 - 17.30	Opportunity to visit Dutch NMR Centers; Opportunities for Excursions				

Conference fees for EUROMAR 2005

Full registration fee	350 €	
Student registration fee	175 €	Applies to participants born in 1975 or later.
Accompanying persons registration fee	120 €	Also for non-participating vendor delegates
Registration surcharges:		
Participants not accommodated at the Koningshof	25 €	
Late registration or payment	100 €	Due for any registration and/or payment of conference fees received after 20 May 2005.
Full board and lodging per day, single room	145 €	(includes breakfast, lunch and dinner)
Full board and lodging per day, shared double room	125 €	(includes breakfast, lunch and dinner)
Lunch and dinner vouchers per day	50 €	These vouchers are needed for participants that are not staying in the Koningshof

EUROMAR offers and recommends the special conference package. The reduced conference package fees include the applicable registration fee and awarded grant, and full board and lodging, with arrival after lunch on Sunday and departure Friday after breakfast. Late registration surcharges apply.

Conference package with full registration. Single room	980 €	Double room	880 €
Conference package for accompanying persons	650 €		
Conference package for vendor delegates. Single room	750 €		
Conference package for students. Single room	805 €	Double room	705 €
Conference package with EUROMAR grant. Single room	490 €	Double room	390 €
Conference package with Marie Curie grant	0 €		

On-line secure registration for EUROMAR will be possible from 24 January 2005 through its WEB sites. After registration the participant will receive an invoice via e-mail for the total of the conference costs. Payment is only possible by check or via the bank account of the conference:

IBAN: NL96RABO 010 51 44 096 of "Stichting Chemische Congressen I", 6997AX Hoog Keppel, The Netherlands
Bank: RABO Bank Doesburg-Giesbeek (BIC Code: RABONL2U), Kraakselaan 5, 6981HA Doesburg, The Netherlands

Grants

Two types of grants are available for young scientists wanting to attend the conference: Marie Curie and EUROMAR grants. EUROMAR has obtained support from the European Commission, under its Marie Curie Large Conference Programme, for granting full support (conference package and travel expenses) to some 50 young scientists. Support for some 100 EUROMAR grants, that cover part of the normal conference package costs, has been obtained from the manufacturers of NMR equipment, vendors of NMR related products and several scientific organisations and industries. EUROMAR gratefully acknowledges the received support. A prospective grantee is required to present a poster. A grantee is eligible for presenting the poster in a contributed lecture. Grant applications will be evaluated by the National and International Scientific Committees. Grants will be awarded on a competitive basis, taking into account the scientific quality of the proposed contribution and the innovative aspects thereof, and the criteria for both types of grant. Grants will only be awarded to participants that attend the full conference and that are accommodated at the Koningshof. Except for the travel allowances, all grants will be directly deducted from the costs of the selected conference package.

Marie Curie grants

Marie Curie grants are intended for researchers that have at the time of their attendance less than four years (full-time equivalent) research experience since obtaining the diploma that gives them direct access to doctoral studies. In awarding these grants gender and geographic considerations are taken into account. In the handbook for Marie Curie supported conferences at <http://www.cordis.lu/fp6/mobility.htm> the nature of these grants is explained. A recipient of a Marie Curie grant is required to attend one workshop and at least one guided poster tour.

EUROMAR grants

Scientists born in 1965 or later are eligible for an EUROMAR grant. In allocating these grants there will be a positive discrimination towards candidates selected for a contributed lecture and for candidates from less-favoured regions.

Grant application

The deadline for the submission of a grant application is 18 March 2005. Applicants will be informed on the result of their application by 15 April 2005. Forms for grant applications will be available on the EUROMAR WEBSITE from 24 January 2005. In applying for a grant the candidate should submit:

- an abstract of the poster to be presented;
- a short (not more than one page A4) curriculum vitae with personal data;
- a short letter of recommendation of his/her research team leader.

