

BULLETIN DU GROUPEMENT

d'informations mutuelles

AMPERE

SE CONNAITRE, S'ENTENDRE, S'ENTR'AIDER

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Secretariat and administration:

ETH Zürich

Laboratory of Physical Chemistry, c/o Prof. B. H. Meier

ETH-Hönggerberg, HCI

CH-8093 Zürich, Switzerland

<http://www.ampere.ethz.ch>

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Associate Members of the AMPERE Group:

Bruker AG, Industriestrasse 26, CH-8117 Fällanden, Switzerland

Varian Deutschland GmbH, Postfach 11 14 35, D-64229 Darmstadt, Germany

Magnetic Resonance Group, Institute Jozef Stefan, Jamova 39,
SI-61111 Ljubljana, Slovenia

Application form for AMPERE membership

If you are not a member of the AMPERE Group at present and would like to get membership, please fill in the form and return it to the contact address stated below.

on-line registration under:
<http://www.ampere.ethz.ch>

Family Name	
First Name	
Initials	
Title	
Institute/ Department	
University/ Organisation	
Street	
ZIP Code before	
Town, ev. State	
ZIP Code after	
Country	
Telephone	
Telefax	
e-mail	

Date:.....

Signature:.....

Correspondence Address:

Prof. Beat H. Meier
ETH Zürich
Laboratorium für Physikalische Chemie
ETH-Hönggerberg, HCI
8093 Zürich, Switzerland

ampere@nmr.phys.chem.ethz.ch
Tel.: +41 1 632 4401
Fax: +41 1 632 1621

One year membership fee Swiss Francs 35.--, three years membership fee Swiss Francs 100.--

Groupement AMPERE

The President • Prof. Dr. H.W. Spiess

Max-Planck-Institut für Polymerforschung • Postfach 3148 • 55021 Mainz

Phone: +49-6131-379120 • Fax: +49-6131-379320

E-mail: spiess@mpip-mainz.mpg.de • <http://www.mpip-mainz.mpg.de>

Donation to the Groupement AMPERE

Our Society decided last year to honour Raymond Andrew, a former President and particularly active supporter of the Groupement AMPERE by installing the

Raymond Andrew Prize



for an outstanding Ph. D. thesis in the field of Magnetic Resonance. The selection is made by the same committee that decides on the recipient of the AMPERE Prize for senior scientists.

We feel certain that Raymond Andrew would have liked the idea to strengthen the role of young researchers in the field by acknowledging the best of them.

Mrs. Eunice Andrew expressed great appreciation to our Society for honouring her late husband in this way and generously offered to support both Ampere prizes with a donation of 100,000 US \$. This indicates how highly Raymond Andrew valued the Groupement AMPERE.

We are deeply touched by her initiative and express our sincere thanks to her. In return we can only offer to develop our Society further to keep playing a major role in our beloved field of Magnetic Resonance in Europe and beyond.

A handwritten signature in black ink, appearing to read 'H. W. Spiess', written in a cursive style.

Hans Wolfgang Spiess

Mainz, July 12th, 2003

Zürich, October 2003

Call for Nominations for the Raymond Andrew Prize

for an outstanding PhD thesis in the field of magnetic resonance

For the Raymond Andrew Prize 2004 the AMPERE Prize Committee is seeking your help in searching for qualified candidates who completed their dissertation during the period of 2002/2003. The prize will be presented during the EENC/AMPERE joint meeting in Lille (France) from 6th to 11th September 2004.

You are kindly invited to submit nominations by e-mail to

andrewprice@nmr.phys.chem.ethz.ch.

Suggestions must be received by 31st December 2003 and should include the following documents:

- Nomination letter
- Curriculum vitae
- List of publications and presentations at conferences
- PhD thesis in PDF format.

The thesis must be written in English. In exceptional cases, the thesis may also be submitted in triplicate as a hardcopy to the AMPERE Secretariat.

Submissions that arrive too late will automatically be transferred to the next year. The price committee will reconsider excellent contributions for two years in a row.

Sincerely yours,



Beat H. Meier
General Secretary

Report on 31st Congress AMPERE July 14 – 19, 2002
POZNAŃ, POLAND

- Organizers:** Adam Mickiewicz University
Institute of Molecular Physics
Polish Academy of Sciences
- Topics:** Magnetic Resonance and Related Phenomena
- Participants:** 300 persons from 31 countries
- Lectures:** 12 Plenary, 29 Invited, 32 Oral presentations
- Publications:** “Book of Abstracts” Eds. M. Garsztko, D. Pisula and W. Węgrowka
Book related to Congress „50th Anniversary of the Group AMPERE”
by J. Stankowski
- Proceedings:** papers will be published in Applied Magnetic Resonance Volume 24
(2003)
and in Solid State NMR (2003)
- Heads of Committee:** Stefan Jurga (organizing committee)
Jan Stankowski (program committee)
Jacek Radomski (secretary)
- Anniversary Committee:** G. J. Béné, R. Blinc, S. Jurga, R. Kind, B. Maraviglia,
N. Piślewski, H. W. Spiess, J. Stankowski, H. Szymczak

Exposition prepared by George Béné related to 50th Anniversary was presented during the Congress.

Final Report

Information about AMPERE XI NMR SCHOOL

in Zakopane, Poland, on June 1 - 6, 2003

The AMPERE XI NMR SCHOOL in Zakopane (85 participants) was organized by Radiospectroscopy Division of the Institute of Physics, Jagellonian University, Cracow, Poland, under auspices of the Groupment AMPERE. It was supported by Rector of the Jagellonian University.

There were 12 plenary sessions with 33 lectures, presented by the following speakers:

Elena G. Bagryanskaya (Novosibirsk, Russia)
Bruce J. Balcom (Fredericton, Canada)
Peter A. Bandettini (Bethesda, USA)
Peter Bluemler (Mainz, Germany)
Jerzy Bodurka (Bethesda, USA)
Richard W. Bowtell (Nottingham, UK)
Gerd Buntkowsky (Berlin, Germany)
Elliott Burnell (Vancouver, Canada) - 2 lectures
Daniel Canet (Nancy, France)
Donatella Capitani (Rome, Italy)
Franz Fujara (Darmstadt, Germany)
Jean Grandjean (Liege, Belgium)
Farida Grinberg (Stuttgart, Germany)
Adam Gryff-Keller (Warsaw, Poland)
Rainer Kimmich (Ulm, Germany) - 2 lectures
Jozef Kowalewski (Stockholm, Sweden)
Danuta Kruk (Cracow, Poland)
Zdzislaw T. Lalowicz (Cracow, Poland)
Cornelius A. de Lange (Amsterdam, Netherlands)
Alex MacKay (Vancouver, Canada)
Luisa Mannina (Campobasso, Italy)
Dieter Michel (Leipzig, Germany)
Nikolaus Nestle (Munich, Germany)
Ingo Schnell (Mainz, Germany)
Jiri Spevacek (Prague, Czech Republic)
Janez Stepisnik (Ljubljana, Slovenia)
Genowefa Slosarek (Poznan, Poland)
Jadwiga Tritt-Goc (Poznan, Poland)
Hans-Martin Vieth (Berlin, Germany)
Iwona Wawer (Warsaw, Poland)
Per-Olof Westlund (Umea, Sweden).

Moreover there were also two poster sessions with 39 posters. The winners of these sessions – Mr. Bogdan Buhai (Ulm, Germany) and Prof. Jan Wasicki (Poznan, Poland) have presented short oral communications. There was also organ recital by Prof. Dieter Michel (Leipzig, Germany) and a harp concert, as well as common walks to beautiful valleys of Tatra Mountains, a short excursion to Kasprowy Mountain and a conference dinner.

The organizers have published Proceedings of the School with 72 abstracts.

The next AMPERE XII NMR School in Zakopane will be organized on June 6 - 11, 2004.

Jerzy S. Blicharski
Chairman of the School

Address: Institute of Physics, Jagellonian University, ul. Reymonta 4, 30-059 Krakow, Poland, e-mail: jsb@castor.if.uj.edu.pl, fax: +48-12-633-7086



MRPM 7

7th International Conference on Magnetic Resonance in Porous Media. July 4-8, 2004. Ecole Polytechnique, Palaiseau - France

Scope:

After Bologna (1990), Canterbury (1993), Louvain (1995), Trondheim (1997), Bologna (2000), Ulm (2002), this will be the seventh even in a series of outstanding gatherings of experts in a field of growing interest. Magnetic Resonance provides the basis of numerous innovative techniques for probing structure, molecular dynamics, and transport in porous media. Pore space confinements and interactions with pore wall surfaces give rise to a rich variety of phenomena that are anomalous from the experimental as well as theoretical point of view. Porous materials are ubiquitous in nature, technology and every day life. Rocks, foams, wood, paper, ceramics, porous glass, bone, bricks, cement, concrete, skin, fabrics, membranes, fineparticle agglomerates, foodstuff, tissue, bead packs, zeolites, soil, gels, sponges, aerogels, filters, lung, polymers, pharmacoproducs, leather, sediment formations, granular beds, and many more other natural and technical products form a system class of its own. The conference is devoted to the progress of our understanding of such media with regard to Physics, Chemistry, Engineering, Industrial applications and Life sciences.

Scientific advisory committee:

Jean-Pierre Korb (Chair, F), Jerzy Blicharski (PL), Bernhard Blümich (D), Richard Bowtell (GB), Robert J.S. Brown (USA), Paul Callaghan (NZ), Paola Fantazzini (I), Eiichi Fukushima (USA), Lynn Gladden (GB), John Gore (USA), Laurie Hall (GB), Martin Hürlimann (USA), Jörg Kärgner (D), Rainer Kimmich (D), Igor Koptuyug (RU), Peter McDonald (GB), Sir Peter Mansfield (GB), Bruno Maraviglia (I), Ken Packer (GB), Pabitra Sen (USA), John Strange (GB), Hans Thomann (USA), Rustem Valiullin (RU), Marija Vilfan (SI).

Organizing Committee:

Jean-Pierre Korb (Chair, Ecole Polytechnique, Palaiseau), Pierre Levitz (Ecole Polytechnique, Palaiseau), Dominique Petit (Ecole Polytechnique, Palaiseau), Fabien Barberon (Ecole Polytechnique, Palaiseau), Cecile Vigouroux (Ecole Polytechnique, Palaiseau), Geneviève Guillot (Université d'Orsay), Hélène Zanni (ESPCI, Paris), Jacques Leblond (ESPCI, Paris), Michel Rochet (Collège de Polytechnique).

Scientific information:

jean-pierre.korb@polytechnique.fr

Useful Information:

f-mabilot@collegepolytechnique.com

Tel: 33 1 55 80 50 65 - Fax: 33 1 55 80 50 69

17th EENC/32nd AMPERE Congress – Lille (France), September 2004

First Announcement

The joint conference will be held in Lille from **September 6th** (Monday evening) through **September 11th** (Saturday afternoon), **2004**.

The Lille 2 campus possesses all the facilities required for the organization of a scientific meeting with many participants. It can be reached within ten minutes from the city center (by underground).

Lille is less than an hour's train ride from Paris, London and Brussels, and is close to beautiful Flemish towns (Bruges, Ghent,...).

The conference will be co-chaired by:

- **Jean-Paul Amoureux** (Université de Lille 1) and
- **Daniel Canet** (Université Henri Poincaré, Nancy 1).

Program (preliminary)

Plenary sessions will take place every morning (September 7-11, 2004) whereas available afternoons (September 7, 8, 10, 2004) will be devoted to **parallel sessions** and **poster sessions**.

Parallel sessions on the following topics will be held:

- 1) New liquid-state NMR experiments for biological applications
- 2) New solid-state NMR experiments for biological applications
- 3) New methodologies in solid-state NMR
- 4) Materials as studied by magnetic resonances
- 5) Magnetic resonance imaging, and transport phenomena
- 6) EPR
- 7) Calculation of NMR/EPR parameters
- 8) NMR in biomedicine
- 9) Broad line NMR/EPR
- 10) Spin relaxation
- 11) Analytical applications of NMR
- 12) Paramagnetic systems
- 13) Emerging techniques
- 14) Others

The following scientists have already accepted to deliver a **plenary lecture** (incomplete list):

- Iain Campbell (Oxford)
- Lucio Frydman (Rehovot)
- Daniela Goldfarb (Rehovot)
- Gunnar Jeschke (Mainz)
- Alex Pines (San Francisco)
- Arno Kentgens (Nijmegen)
- Dominique Massiot (Orléans)
- Chrit Moonen (Bordeaux)
- Jeremy Nicholson (London)

The Scientific Committee for this conference is as follows:

- Richard Ernst (Zürich), chair
- Ivano Bertini (Florence)
- Geoffrey Bodenhausen (Paris)
- Christian Griesinger (Göttingen)
- Katalin Köver (Debrecen)
- Jozef Kowalewski (Stockholm)
- Malcom Levitt (Southampton)
- Michael Mehring (Stuttgart)
- Arthur Schweiger (Zürich)
- Hans Wolfgang Spiess (Mainz)
- John Strange (Canterbury)
- Shimon Vega (Rehovot)

The **Program Committee** is as follows:

- Jean-Paul Amoureux (Lille, co-chair)
- Stefano Caldarelli (Marseilles)
- Daniel Canet (Nancy, co-chair)
- Eric Guittet (Gif)
- Guy Lippens (Lille)
- Hervé Vezin (Lille)

The website is available at www.nmr2004.com

**Programme provisoire Congrès EENC/AMPERE
6-11 Sept. 2004**

Lundi	amphis	Mardi	amphis	Mercredi	amphis	Jeudi	amphis	Vendredi	amphis	Samedi	amphis
		8h30-10h conférences plénières	400 600	8h-11h conférences plénières	400 600	8h30-10h conférences plénières	400 600	8h30-10h conférences plénières	400 600	8h30-10h conférences plénières	400 600
		Pause café		Pause café		Pause café		Pause café		Pause café	
10h-12h présentations vendeurs	300 300 300	10h30-12h conférences plénières	400 600			10h30-12h conférences plénières	400 600	10h30-12h conférences plénières	400 600	10h30-12h conférences plénières	400 600
12h-14h repas		12h-14h repas (2 services)				12h-14h repas (2 services)		12h-14h repas (2 services)			
14h-16h présentations vendeurs	300 300 300	14h-16h30 sessions parallèles	300 300 300 150			14h-16h30 sessions parallèles	300 300 300 150	14h-16h30 sessions parallèles	300 300 300 150		
Pause café		Pause café				Pause café		Pause café			
16h30-18h conférences plénières (2)	400 600	17h-19h posters				17h-19h posters		17h-19h posters			
18h-20h posters											
20h-23h vendeurs		19h-23h vendeurs		19h-23h vendeurs		19h-23h vendeurs		19h-23h Banquet			

**Joint NMRDG/ AMPERE Meeting in York, UK, 2006,
AMPERE CONGRESS 2006 - July 17 - 21, 2006**

The Ampere Congress 2006 will be organized as joint meeting with the British “NMR Discussion Group” in York, UK. The joint meeting is part of the ongoing effort of AMPERE, EENC and NMRDG to organize a yearly unified European Magnetic Resonance meeting (see next page).

Chairman: **Dr. Duncan Farrant** (Chair of NMRDG, 2003-2006)
GlaxoSmithKline Medicines Research Centre
Gunnels Wood Road
STEVENAGE
SG1 2NY
Tel: 01438 768026 Fax: 01438 763552
Email: Duncan.Farrant@gsk.com

Dates: **Sunday, July 16th – Friday, July 21st 2006**

Location: **University of York, U.K.**

Local Organiser: **Dr. Simon Duckett**
University of York, U.K.
Email: sbd3@york.ac.uk

Proposal for a strong European Magnetic Resonance Conference

The committee for better coordination of MR-activities and conferences in Europe met during the 44th ENC in Savannah, Georgia, April 2003, with Profs. Hans Wolfgang Spiess and Beat Meier (AMPERE), Stefano Caldarelli (EENC) and David Neuhaus (NMRDG) present. The discussion revealed complete agreement on the following needs and proposed framework of action:

1. There is an urgent need for a strong European MR-meeting, covering:
 - The full range of techniques: liquid state NMR, solid state NMR, EPR, imaging and MR-related phenomena on the one hand and
 - The full scope of fields to which MR contributes: Physics, Chemistry, Biology, Materials, Medicine on the other.
2. The three groups presently acting on a European level with full international scope: AMPERE; EENC, NMRDG should **combine** efforts to realize this goal.
3. Each year the conference should cover the areas listed above, but also define focal topics both with respect to techniques and fields, that are emphasized.
4. At the earliest stage, preferably as of 2005, the new conference should carry its own new name, e.g.

EUROMR

AMPERE – EENC – NMRDG

The representatives of the three groups will now seek approval of this framework from their respective bodies and then meet again to work out a more detailed proposal to be presented for approval in 2004.

5. In order to achieve high quality for the conference on a truly international and interdisciplinary level, **continuity** must be assured both in science and in organization by setting up a committee running the conference on a **yearly** basis, yet in different countries.
6. The Groupement AMPERE should act as an 'umbrella organisation' to host the new conference, because it has the largest portfolio with respect to techniques, fields of science and events, amongst which the European MR meeting would be the most important. Moreover, it has a well-defined status and infrastructure.
7. For the years 2004 – 2006 we have specific recommendations for such a conference:
 - 2004: AMPERE/EENC Conference, Lille, France, (J. P. Amoureux, D. Canet)
 - 2005: EENC/AMPERE Veldhoven, NL (N. Van Nuland, R. De Bie)
 - 2006: NMRDG/AMPERE, York, UK (Chair: Duncan Farrant, local organizer: Simon Duckett)

FUTURE CONFERENCES

AMPERE EVENTS

2004

AMPERE XII NMR School	Zakopane (Poland)	June 6-11, 2004
7th International Conference on Magnetic Resonance in Porous Media	Palaiseau (20' from Paris) (France)	July 4-8, 2004
Congress AMPERE/EENC	Lille (France)	September 6-11, 2004
Joint NMRDG/AMPERE Meeting	York (U.K.)	July 17 – 21, 2006

2005

AMPERE XIII NMR School	Zakopane (Poland)	June 5-10, 2005
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OTHER EVENTS

2003

The 30th Annual Conference of the Federation of Analytical Chemistry and Spectroscopy Societies (FACSS)	Ft. Lauderdale, Florida (USA)	October 19-23, 2003
42nd Eastern Analytical Symposium (EAS)	Somerset, New Jersey (USA)	November 17-20, 2003
42nd NMR Symposium in Japan	Osaka University, Suita, Osaka, (Japan)	November 26-28, 2003

2004

Gordon Research Conference Computational Aspects - Biomolecular NMR	Ventura, California, (USA)	January 18-23, 2004
NMRDG Spring Meeting 2004 Advances in NMR on Small Amounts of Material AstraZeneca R&D Charnwood For information please contact Richard Lewis , AstraZeneca	Loughborough (U.K.)	February 26, 2004
1st International Meeting on NMR and Quantitative Analysis	Stockholm (Sweden)	March 1-2, 2004
45th ENC	Asilomar, Pacific Grove, California, (USA)	April 18-23, 2004
12th ISMRM Meeting	Kyoto, (Japan)	May 15-21, 2004
The 31st Annual Conference of the Federation of Analytical Chemistry and Spectroscopy Societies (FACSS)	Oregon (USA)	October 3-7, 2004

43 rd Eastern Analytical Symposium (EAS)	Somerset, New Jersey (USA)	November 8-12, 2004
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2005

21 st ICMRBS	Hyderabad (India)	January 16-21, 2005
46 th ENC	Providence, Rhode Island, (USA)	April 10-15, 2003
13th ISMRM Meeting	Miami Beach, Florida (USA)	May 7-13, 2005

2006

14th ISMRM Meeting	Seattle, Washington (USA)	May 6-12, 2006
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