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# BULLETIN DU GROUPEMENT

**d'informations mutuelles**

# AMPERE

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

*May – October 2004*

No. 215

*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:

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

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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 become a member, 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	
Student	<input type="checkbox"/> yes Reduction of 50 % of membership fees Age limit: 30 years
Title	
Institute/ Department	
University/ Organisation	
Street	
ZIP Code before	
Town, ev. State	
ZIP Code after	
Country	
Telephone	
Telefax	
e-mail	

Date:.....

Signature:.....

### Correspondence Address:

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

# MINUTES OF THE MEETING OF THE AMPERE BUREAU

in Lille, September 6, 2004

## Members present:

H. W. Spiess (D), D. Goldfarb (IL), St. Jurga (PL), B. Maraviglia (I), B.H. Meier (CH), J. Roos (CH), J-Y. Buzaré (F) (executive officers),

J-P. Amoureux (F), B. Blümich, R. Boelens (NL), St. Caldarelli (F), M.J.A. de Bie (NL), J. Dolinsek (SI), P. Fantazzini (I), M. Mehring (D), N.A.J. van Nuland (NL), M.P. Williamson (temporary members).

## Excused:

G. J. Béné (CH), J. Blicharski, (PL), R. Blinc (SI), D. Farrant (U.K.), A. Haase (D), J.P. Korb (F), J. Stepisnik (SI), R.Z. Sagdeev (RU).

## Agenda:

1. Approval of the minutes of the AMPERE Bureau meeting in Zurich, April 2, 2004
2. Report on the state of the AMPERE Society (H.W. Spiess)
3. Financial Report (B.H. Meier)
4. Members AMPERE Committee (B.H. Meier)
5. Report on the 32<sup>nd</sup> Congress AMPERE, Lille, 2004 (J.P. Amoureux)
6. Collaboration with EENC and NMRDG. Proposed division EUROMR
7. Proposed division Porous Media (B.H. Meier)
8. Future meetings (only new information)

### 2004

**New permanent school:** Sept. 13-17 (St. Caldarelli)  
European School on Solid-State NMR, Valencia

### 2005

AMPERE XIII NMR School, Zakopane June 5-10 (J. Blicharski)

8<sup>th</sup> International Conference on Magnetic Resonance Microscopy, Kyoto Sept. 4-8 (A. Haase)

18<sup>th</sup> Colloque International Hertzian Optics and Dielectrics, Tunisia Sept. 5-7 (J-Y. Buzaré)

4<sup>th</sup> Alpine Conference on Solid-State NMR, Chamonix Sept. 11-15 (St. Caldarelli)

Specialized Colloque AMPERE, Leiden (D. Goldfarb)

**2006**

Joint NMRDG/33<sup>rd</sup> AMPERE Meeting, York                      July 17-21                      (D. Farrant)

9. Final reports past meetings
  - International School on Magnetic Resonance and Brain Function, Erice (B. Maraviglia)
  - AMPERE XII NMR School, Zakopane (J. Blicharski)
  - 7<sup>th</sup> International Conference on Magnetic Resonance in Porous Media, Palaiseau (J.P. Korb)
  - Nuclear Magnetic Resonance in Condensed Matter, 1<sup>st</sup> Meeting NMR in Heterogeneous Systems, St. Petersburg (R.Z. Sagdeev)
10. Varia

At 3 p.m. H.W. Spiess welcomed all present members of the Bureau and opened the meeting.

The agenda was approved unanimously.

- Ad. 1     The minutes of the AMPERE Bureau meeting in Zurich, April 2, 2004, published in the AMPERE Bulletin No. 214, were approved unanimously.
- Ad. 2     In his report, which is in the appendix to the minutes, the president mainly focused on the co-ordination of European NMR activities and the proposed actions to be taken in this respect (see Ad. 6). Moreover, he welcomed the application of the MRPM community to become a new AMPERE-division (see Ad. 7). The report was accepted unanimously.
- Ad. 3     The report (see appendix to the minutes) was accepted unanimously.
- Ad. 4     Since some Committee members retired a list of new possible members for election by the General Assembly was composed. Besides a general rejuvenation the representation of EENC in the Committee was discussed and new honorary members of the Committee were proposed.
- Ad. 5     J.P. Amoureux gave a short status report on the running congress.
- Ad. 6     B.H. Meier presented a letter of G. Béné in which the envisaged European coordination is strongly supported with the hope that the *AMPERE-motto* will be carried forward. H.W. Spiess summarized the main points of the *Proposal for a strong European Magnetic Resonance Conference* (already distributed). He emphasized the proposed standing committee for helping in the organization of EUROMR events which will run as a division of the Groupement AMPERE. In the following its composition (size) and its role in relation to the local organizers of an event were discussed in more detail. Following the suggestion of M. Mehring a general committee for all prizes awarded within EUROMR will be nominated.

The proposal (which is to be presented as proposal of the AMPERE bureau) was approved unanimously.

Ad. 7 P. Fantazzini gave an overview on the historical development of the community of “Applications of NMR to Porous Media” and mentioned the several reasons for the community to become an AMPERE division. B. Blümich presented the official proposal (with details on organizational structure and by-laws). The bureau accepted the proposal unanimously.

Ad. 8 **2005**

R. Boelens presented the detailed proposal for the EENC, “Magnetic Resonance for the Future”, 3 – 8 July, in Veldhoven which is supported by the AMPERE and UK NMR-DG Committees. (The first announcement is given in this bulletin and more information is available at [www.eenc2005.org](http://www.eenc2005.org) or [www.euromar.org](http://www.euromar.org).) The proposal was accepted unanimously.

As a satellite conference in front of the EENC a Specialized Colloquium AMPERE, “Trends in Modern EPR Spectroscopy”, will take place in Leiden, June 29 – July 1. D. Goldfarb presented the proposal and highlighted the two main scientific topics to be covered.

B. Blümich informed that the 8<sup>th</sup> International Conference on Magnetic Resonance Microscopy planned to take place in Kyoto had to be shifted in date and to an other place in Japan.

J-Y. Buzaré mentioned that first detailed information on the 18<sup>th</sup> Colloquium HOD, Sept. 5-7 will be available by October 04.

**2006**

M.P. Williamson presented the proposal for the planned Joint NMRDG/33<sup>rd</sup> AMPERE meeting in York, July 17-21. The local organizing and the program committees have already been set up and a first planning meeting will take place October 18, 2004.

The proposal was accepted unanimously.

Additional specialized meetings are requested and should be proposed at the next bureau meeting in Zurich.

Ad. 9 Available information (reports) of past meetings were shortly summarized.

At 4:30 p.m. H.W. Spiess closed the meeting and thanked all participants.

sig. J. Roos

## MINUTES OF THE MEETING OF THE AMPERE COMMITTEE

in Lille, France, September 7, 2004

### Members present:

H. W. Spiess (D), D. Goldfarb (IL), St. Jurga (PL), B. Maraviglia (I), B.H. Meier (CH), J. Roos (CH), J-Y. Buzaré (F) (executive officers),

St. Caldarelli (F), V. Chizhik (RUS), J. Dolinsek (SI), I. Geru (MD), M. Martinelli (I), D. Michel (D), J.H. Strange (U.K.), J. Spevacek (CZ), J. Tegenfeldt (S), (ordinary members),

P. Fantazzini (I), M.P. Williamson, (guest members).

### Agenda:

1. Approval of the minutes of the AMPERE Committee meeting in Poznan, July 17, 2002
2. Report of the president on the state of the Groupement AMPERE (H.W. Spiess)
3. Reports of the secretary general and other executive officers
4. Elections of executive officers and honorary members of the Bureau
5. Election of new AMPERE Committee and Honorary members
6. New Statutes and Guidelines for AMPERE events
7. Joint NMRDG/AMPERE Meeting, York 2006, state of the organization (D. Farrant) and information on further AMPERE events
8. Joint European Conference on Magnetic Resonance
9. Committee activities in between AMPERE congresses
10. Varia

At noon H.W. Spiess opened the meeting and welcomed guest members and all present regular members of the Committee. The agenda of the meeting was accepted unanimously.

Ad. 1) The minutes of the meeting in Poznan, July 17, 2002, published in the AMPERE Bulletin 207 and distributed at this meeting, were approved unanimously.

Ad. 2) Since the president's report had been sent to the Committee members in advance H.W. Spiess presented a short summary of it. Furthermore he informed about the following proposals accepted by the bureau for approval by the Committee.

*- "Porous Media Community" as an AMPERE division:*

P. Fantazzini shortly reviewed the goals and activities of the "Porous Media Community".

The Committee approved unanimously the incorporation of the "Porous Media Community" as a division of the Groupement AMPERE.

*- Joint European Conference on Magnetic Resonance*  
(Further details see Ad. 8.)

- Ad. 3) B.H. Meier gave an account of the financial situation of the Groupement as documented in the balance for the last two years (see appendix to the minutes). The Committee approved his report unanimously.
- Ad. 4) Before the election procedure the Committee approved that one member of new divisions should automatically become a member of the AMPERE bureau and exonerated the old Secretariat and executive officers by an open vote of confidence. In a secret ballot it then reelected unanimously the executive officers, President H.W. Spiess, Vice Presidents St. Jurga and D. Goldfarb, Secretary General B.H. Meier, Executive Secretary J. Roos, H. O. D. Representative J.Y. Buzaré, and SRMR Representative A. Haase.
- Ad. 5) Proposals for new Committee members and honorary members to be elected by the General Assembly were collected (details see minutes of the General Assembly).
- Ad. 6) B.H. Meier explained the proposed changes of the Statutes and Guidelines for AMPERE events. In addition to the publication in bulletin Nr. 214, the proposal had been sent out previously by e-mail. The Committee approved the changes as a proposal to the General Assembly unanimously.
- Ad. 7) M.P. Williamson presented in detail the proposal for the planned first EUROMR conference to be held in York in 2006. The AMPERE Committee unanimously accepted the proposal.  
H.W. Spiess shortly informed on the planned EENC/AMPERE conference (2005) in Veldhoven ([www.euromar.org](http://www.euromar.org)) and the Specialized Colloquium AMPERE (“Trends in Modern EPR spectroscopy”) as its satellite meeting. He sees this event as part on the way to the new EUROMR conferences and especially expressed his thanks to the organizers.
- Ad. 8) The proposal for the approach to a “Joint European Conference on Magnetic Resonance” (as accepted by the AMPERE bureau and already distributed) was presented in detail by H.W. Spiess. He stressed that with the plan to have the new “Joint European Conference on Magnetic Resonance” formally as an AMPERE division will bring the Groupement in a way back to its roots as an “umbrella organization”. He asked for proposals for members of the planned stirring committee for the new EUROMR conferences. The set up of the committee should be complete by end of October 04.  
B.H. Meier informed that after intense discussions within EENC the proposal had been fully accepted by EENC. It was agreed that the Groupement AMPERE will spend CHF 10'000 as seed money to get EUROMR started.  
In an open vote the Committee accepted the proposal.
- Ad. 9) The question whether the Committee will meet again already next year in Veldhoven or within two years in York was left open.

H.W. Spiess thanked all present Committee and guest members and closed the meeting at 1:20 p.m.

sig. J. Roos

## MINUTES OF THE GENERAL ASSEMBLY OF THE GROUPEMENT AMPERE

in Lille, France, September 9, 2004

### Agenda:

1. Approval of the minutes of the General Assembly meeting in Poznan, July 17, 2002
2. Report of the president
3. Revision of the statutes of the Groupement AMPERE
4. Election of ordinary and honorary members of the Committee
5. Future activities
6. Varia

At 12:45 h H.W. Spiess welcomed the participants of the General Assembly.

Ad. 1) The minutes of the meeting in Poznan, July 17, 2002, published in the AMPERE Bulletin 207 were approved unanimously.

Ad. 2) In his report (see appendix to the minutes) H.W. Spiess informed the General Assembly by recapitulating the following main topics:

- awards of the Andrew prize,
- new AMPERE division *Applications of NMR to Porous Media*,
- successful effort to co-ordinate European NMR activities in the form of a new AMPERE division "EUROMR".

Concerning future AMPERE events for 2007/2008 he asked proposals which should be available at the next AMPERE bureau meeting in Zurich.

Ad. 3) After a short overview by B.H. Meier on main modifications the General Assembly approved unanimously the changed statutes.

Ad. 4) H.W. Spiess thanked the following members of the AMPERE Committee who have stepped back for their support and contributions to the various activities of the Groupement AMPERE:

D. Brinkmann (CH),  
M. Goldman (F),  
Z. Luz (IL),  
D. Ziessow (D).

Without further nominations of new Committee members the General Assembly unanimously elected the following proposed new ordinary Committee members:

D. Suter (D/CH),  
T. Nuñez (P),  
Chr. Griesinger (D),  
D. Farrant (U.K.),  
P. Fantazzini (I),  
L. Frydman (IL),  
J.P. Korb (F)

and honorary Committee members:

Sir P. Mansfield,  
K. Wüthrich

Ad. 5) B.H. Meier summarized the available information on future activities and encouraged people to regularly check the AMPERE homepage <http://www.ampere.ethz.ch/> for updated information.

At 1:15 p.m. H.W. Spiess closed the meeting thanking B.H. Meier for his excellent work and commitment in the efforts for a better coordination of European NMR activities.

sig. J. Roos

## Report on the State of the Groupement AMPERE

Lille, September 6<sup>th</sup>, 2004

When Beat Meier and I took responsibility for our Society in fall 2000 we identified two urgent challenges for the future:

- encourage young scientists to play a more active role in our group,
- co-ordinate our activities with other groups of magnetic resonance in Europe and world-wide.

The two issues are, in fact, closely linked. As science becomes more and more interdisciplinary young scientists will be more active in an organization covering a broad range of methods and fields of application, rather than having to choose between several more specialized groups. As a specific step along these lines the 32<sup>nd</sup> Congress AMPERE in Lille is held jointly with the 17<sup>th</sup> EENC. I would like to thank our French colleagues, in particular Jean-Paul Amoureux and Daniel Canet, as well as the members of the AMPERE bodies and the EENC Committee for making this event possible.

For the Groupement AMPERE coming to France is like returning home, as the AMPERE group was started through the initiative of the late Professor René Freyman in 1952 and its first four meetings were held in France. Since our last Congress in Poznan in July 2002, remarkable developments happened; above all two Nobel-Prizes were awarded to pioneers of our field, *Kurt Wüthrich* in 2002, *Paul Lauterbur* and *Sir Peter Mansfield* in 2003. Two of the Laureates are from Europe and all three have given numerous lectures at AMPERE-Events. It gives me pleasure to repeat my warmest congratulations here.

Three developments of our Society in the last two years are particularly noteworthy:

- We received a generous donation from Mrs. Eunice Andrew, to support the **Raymond Andrew Prize** for outstanding Ph.D. theses, which allows us to grant this prize once per year. The recipients of 2003 and 2004 come from France and from Israel. The topics of their theses are in liquid- and solid-state NMR and beautifully fit the scope of our joint meeting.
- I'm happy to report that the **Magnetic Resonance in Porous Media (MRPM)** Community, which already has run their conferences under the auspices of the Groupement AMPERE in the past, now applies to become a new AMPERE-Division. This community has just held its seventh biennial meeting in Paris. As an AMPERE-Division it will further strengthen the role of Physics in our Society. As it covers a

broad range of techniques: NMR, EPR and MR imaging, it will further strengthen our basis and I strongly support its application.

- In our efforts to establish a strong yearly **European Magnetic Resonance Conference** the discussion with the EENC and the British NMR Discussion Group led to specific recommendations for meetings in 2005 and 2006 as well as organizational issues, see below. A committee formed by representatives of these three groups proposes that the Groupement AMPERE should act as an ‘umbrella organization’ to host this new conference. I urge the members and bodies of our Society to support our active role in this endeavour, such that the new conference can now be installed and be given a fair chance.

### **European Co-ordination**

Because this issue is of particular importance for the future of our Society, let me update my report of April last year, published in the AMPERE-Bulletin No. 210, 2003. A working group formed by representatives from the Groupement AMPERE (H. W. Spiess, B. H. Meier), the EENC-committee (J. Stepisnik, S. Caldarelli), and the British NMR Discussion Group, NMRDG (D. Neuhaus, R. D. Farrant) met and agreed that these three groups, that are already acting on a European level with full international scope, should combine their efforts. Moreover, the working group came up with a specific proposal on how strengthening of the Magnetic Resonance community in Europe can be achieved, namely

1. A strong yearly **European Magnetic Resonance Conference** should be established, 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.
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. Continuity and quality of the conference should be assured by Standing Committee (Board of Trustees) of about 10 – 15 members, installed by the three groups and professional administrative support from outside sources. In addition, each conference should have its specific Program Committee as well as Local Organizers, as the conference will be held in different countries.
5. As the Groupement AMPERE has a well-defined status and infrastructure as well as the largest portfolio with respect to techniques, fields of science and events it should act as an ‘umbrella organisation’ to host the new conference.

6. The new Joint European Meeting (JEM) should carry its own new name, e.g.

## **EUROMR**

AMPERE – EENC – NMRDG

The first meeting of this kind is planned for July 17 – 21, 2006 in York (U.K). In order to further pave the way for EUROMR, an EENC-meeting is scheduled for July 3-8, 2005 in Veldhoven (The Netherlands) with strong participation of both AMPERE and NMRDG.

These proposals follow the lines discussed at the meetings of the AMPERE-bodies in the past. In particular, Beat Meier and I emphasized that physics, EPR, new magnetic resonance techniques and applications are properly represented in EUROMR. Moreover, the new initiative should remain flexible, such that, e.g., expansion to fields not yet included, such as engineering could be explored.

### **Proposed Actions**

We now ask the bodies of the Groupement AMPERE to support this structure in order to make the planning of the conferences for the next two years definite. In particular, the members of the standing committee have to be identified, as well as a framework for the organization defined. Specific proposals have been worked out and will be discussed with the AMPERE-bodies in Lille. I would like to emphasize that this new endeavour only affects the planning of future AMPERE Congresses, it does not at all interfere with the numerous other AMPERE Events, such as Specialized Colloques AMPERE, AMPERE Schools, Conferences of the AMPERE-Divisions, or events run under the auspices of the Groupement AMPERE. Thus, AMPERE retains its core-business and only a few changes of our Statutes are needed in order to be able to host the new European Conference as a Congress. Our proposals for modification of the Statutes have been communicated to all AMPERE members via the current Bulletin No. 214, 2004 and I ask the AMPERE-Committee to approve them. In addition, we propose to strengthen the AMPERE-Committee by incorporating new members, who are active in EENC and NMRDG.

I strongly feel that the Groupement AMPERE will benefit substantially from this development. It will be mandatory in order to attract young people from different fields, from all over Europe and beyond. For new members we offer a free subscription for 2004 and hope that many participants of the joint AMPERE/EENC meeting in Lille take advantage of this. The combined efforts of the magnetic resonance community in Europe can only be successful, however, if we are open to changes, but flexibility has always been characteristic of the Groupement AMPERE. In fact, I'm convinced that failure to play an

active role in these efforts would endanger our Society as important activities of Magnetic Resonance in Europe would then happen outside the Groupement AMPERE.

### **AMPERE Events**

The Groupement AMPERE continues to offer a broad scope of events addressing newcomers and experienced scientists in the diverse fields of magnetic resonance alike. This is obvious when looking at the list of past and future AMPERE events on our homepage <http://www.ampere.ethz.ch>, part of which is attached to this report for convenience. My wholehearted thanks go to those, who made these events possible, in particular the Chairpersons.

Turning to the future, I'm particularly glad that we have a proposal for a Specialized Colloque AMPERE 2005 on theoretical and experimental aspects of EPR-Spectroscopy in Leiden, the Netherlands in the week prior to the Veldhoven-meeting. This provides yet another possibility to better coordinate the magnetic resonance activities in Europe outlined above.

### **Conclusion**

Magnetic Resonance is as appealing as ever. The wide scientific scope also carries the danger, however, that different groups run too many events, which might interfere with each other. The Groupement AMPERE has a long and highly successful tradition to cope with this question. At the end of two terms as President I feel that our Society is well prepared to develop further its activities on three levels:

- Schools for young scientist entering the field,
- Specialized conferences on well defined topics including those of subdivisions,
- Umbrella for the major European Magnetic Resonance Conference (EUROMR).

To be specific, new Schools are organized, a new Division is being established and EUROMR is shaping up. These developments are only possible because I'm supported by an active Secretary General, the Vice Presidents, the members of the Bureau and the Committee, and last, but not least by the AMPERE members.

Let me take this opportunity to thank all of you and ask for your active support in the future.



Hans Wolfgang Spiess

Lille, September 6<sup>th</sup>, 2004

**AMPERE Events 2003 + 2004**

<b>Event</b>	<b>Place</b>	<b>Date</b>	<b>Chairperson(s)</b>
<b>2003</b>			
AMPERE XI NMR School	Zakopane, Poland	June 1-6	J. Blicharski
EPR and NMR at High Field: Applications to Magnetic Systems and Superconductors	Pisa, Italy	July 23-25	M. Martinelli / A. Rigamonti
International Conference on Magnetism	Roma, Italy	July 27-August 1	D. Fiorani
17 <sup>th</sup> OHD'2003	Calais, France	September 3-5	J.-C. Carru
Specialized Colloque AMPERE 2003	Bernadin-Portoroz, Slovenia	September 8-12	J. Dolinsek
NMR and EPR of Broad Line Solids	Chamonix, France	September 14-18	L. Emsley / St. Caldarelli
3 <sup>rd</sup> Alpine Conference on Solid State NMR	Snowbird, Utah, USA	September 20-26	D.C. Ailion / R. Botto
7 <sup>th</sup> International Conference on Magnetic Resonance Microscopy			
<b>2004</b>			
International School on Magnetic Resonance and Brain Function	Erice-Sicily, Italy	May 23-27	B. Maraviglia
AMPERE XII NMR School	Zakopane	June 6-11	J. Blicharski
NMR in Heterogeneous Systems: Interntl. Symposium & Summer School	St. Petersburg Russia	July 12-16	R.Z. Sagdeev / V.I. Chizhik
7 <sup>th</sup> International Meeting on Magnetic Resonance in Porous Media	Palaiseau, Paris, France	July 4-8	J.-P. Korb
32 <sup>nd</sup> Congress AMPERE / 17 <sup>th</sup> EENC	Lille, France	September 6-11	J.-P. Amoureux / D. Canet
European School on Solid State NMR	Valencia, Spain	September 13-17	M. H. Levitt

## Elected Executive Officers of the AMPERE Bureau 2004 – 2006

<b>President :</b>	H.W. Spiess
<b>Vice Presidents :</b>	D. Goldfarb St. Jurga
<b>Secretary General :</b>	B.H. Meier
<b>Executive Secretary :</b>	J. Roos
<b>H.O.D. Representative :</b>	J.Y. Buzaré
<b>SRMR Representative :</b>	A. Haase
<b>Past President :</b>	B. Maraviglia

**BALANCE OF THE ACCOUNTS OF THE GROUPEMENT**  
**for the period from July 1, 2002 to August 25, 2004**

		Debit	Credit
Balance carried forward CHF			
Situation July 1, 2002			83'519.70
<b>Membership Fees</b>			
Individual member	10'823.15		
Associate members	11'000.--		21'823.15
<b>Conferences</b>			
SMRM 99, Heidelberg	3'066.—		
Specialized Colloque AMPERE 2001 Reports	4'678.85		
	200.20		7'945.05
Magnetic Resonance Microscopy	3'046.—		
Check Andrew Prize 2002	746.10	3'792.10	
<b>Administration</b>			
Bureau Meeting Zürich	4'149.75		
7 AMPERE Bulletins	2'502.30	6'652.05	
<b>Bank</b>			
Interests	1'800.45		
Tax refund	370.15		
Booking difference Portfolio 02-04	309.--		2'479.60
Handling costs (Bank, Visa, Master Card)		593.--	
Total CHF		11'037.15	32'247.80

**Balance**

Balance July 1, 2002	83'519.70
Total of receipts	32'247.80
Total of expenditure	11'037.15
Balance August 25, 2004	<b>104'730.35</b>

**On accounts**

Saving account No. 0-3436-30421248	45'789.70	
Private account No. 0-1136-00053581	12'725.20	
Saving account No. 0-3536-30421299	6'392.45	(SMRM)
360 "Portfolio Income" account	39'823.—	
<b>Total CHF</b>	<b>104'730.35</b>	

**US\$ account**

Donation Andrew Prize	100'000.--
./. Prizes 2004	6'081.65
Balance August 25, 2004 US\$	<b>93'918.35</b>

sig. B.H. Meier

## **STATUTES OF THE GROUPEMENT AMPERE**

Approved by the AMPERE Committee on September 7, 2004  
at the Congress AMPERE in Lille

### **Paragraph I: Definition, Domicile, Expiry**

- a) Under the name of "Groupement AMPERE" a European association has been constituted which is corporatively organized under the rules of the paragraphs 60 (and following paragraphs) of the Swiss Civil Code and of the statutes presented here.
- b) The time, for which the association is constituted, is not limited.
- c) Its domicile is in Zürich, Switzerland.

### **Paragraph II: Purpose**

The purpose of the association is to contribute to the progress of Radio Spectros-copy, Magnetic Resonance and Related Phenomena. This is done:

- a) By means of Congresses and Specialized "Colloques".
- b) By means of Symposia, Summer Institutes, schools and Workshops.
- c) By means of a bulletin acting as a link between the members to be published every three months (electronically and/or on paper).
- d) By means of prizes that honour outstanding contributions to the progress of the fields covered by the purpose of the association.

### **Paragraph III: Members**

The association consists of individual members (natural persons) and associated members: laboratories and companies (civil entities). Documentation centers and libraries can subscribe to the Bulletin AMPERE without having the status of a member.

Applications for new membership of the Groupement AMPERE have to be addressend to the secretary general who will submit doubtful cases to the executive committee (Bureau AMPERE).

The membership implies the full consent (without any restriction) with the statutes presented here, as well as with the decisions taken or to be taken legally by the organs or by the officers of the association.

The members cannot be made individually responsible for the debts of the association. These fall entirely under the responsibility of the secretariat.

The membership to the Groupement AMPERE will end

- a) with a resignation, submitted in a written form, for the end of the civil year, announced at least six months ahead
- b) with death of individual members or a dissolution of an associate member
- c) with exclusion which can be pronounced by the AMPERE Committee at the normal session.
- d) with not paying the membership fees after two reminders

#### **Paragraph IV: Organization**

The organs of the association are:

- a) The General Assembly
- b) The AMPERE Committee
- c) The executive Committee (Bureau AMPERE)
- d) The secretariat.

#### **Paragraph V: General assembly**

- a) The general assembly is the supreme power of the association.
- b) The General assembly executes all rights which are not delegated to another organ by the present statutes.
- c) The meeting of the general assembly takes place biennially at the occasion of the Congress AMPERE.

#### **Paragraph VI: AMPERE Committee**

The AMPERE Committee is the organ which is responsible to execute all the power which is normally executed by the general assembly of an association. It decides on the general policy of the Groupement AMPERE.

The AMPERE Committee consists of the president, the secretary general, the members of the executive committee (AMPERE Bureau), one or more

representatives of each European country of members, and of some eminent scientists, coopted by the other members of the committee.

The AMPERE Committee meets usually at the occasion of every AMPERE Congress. It elects the executive officers, who are reelectable, for a period of two years. Furthermore it elects a maximum of three honorary members of the executive committee for a period of four years. Honorary members can be reelected twice. It can also elect honorary members of the AMPERE society for a lifelong term. The election is by simple majority of present and voting members and by secret ballot.

#### **Paragraph VII: Executive Committee (AMPERE Bureau)**

The executive committee (AMPERE Bureau) consists of

- a) *the executive officers*: the president, the secretary general, the vice presidents, the past president, and the executive secretary , and one representative of each subdivision
- b) *the temporary members*: the chairpersons of the last and the immediate next AMPERE events
- c) *the chairperson of major scientific conferences where AMPERE participates*
- d) *the chairperson of the AMPERE prize committee*
- e) *the honorary members*: (elected by the AMPERE Committee) who are entitled to attend the meetings of the AMPERE Bureau.

It governs the association and in particular takes decisions during the time between the meetings of the Committee. The executive committee meets at least once a year.

#### **Paragraph VIII: Secretariat**

The secretariat consists of the president and the secretary general. It is responsible for the management, administration and finances. It resides in Zürich, Switzerland.

#### **Paragraph IX: Resources**

The Groupement AMPERE is financed by

- a) fees of individual members and subscribers to the Bulletin

- b) grants and donations
- c) contributions of associated members.

**Paragraph X: Modification of statutes and dissolution**

- a) Any suggestion for modification of the statutes has to be communicated to all members of the Groupement AMPERE, via the secretary general, at least three months before the session of the AMPERE Committee which will treat this suggestion.
- b) Any modification of the statutes has to be approved by a majority of two thirds of the attending and voting members of the AMPERE Committee.
- c) The dissolution of the Groupement AMPERE is pronounced by the general assembly, on proposition of the AMPERE Committee which is based on a majority of two thirds of the attending and voting members. It has to be approved by a majority of two thirds of the attending and voting members of the general assembly.

In case of dissolution of the Groupement AMPERE the remaining active property will be transferred to one or several associations with similar purposes.

Final Report

## **Procedures and Guide-Lines for the Organization of AMPERE events**

Approved by the Executive Committee of the Groupement AMPERE  
on September 6, 2004 in Lille

### **1. Definition**

AMPERE events are all events as congresses, colloques, summer institutes, and schools, symposia and workshops which have been approved by the AMPERE Committee (in the case of capital events) or by the executive committee in the case of all other events. Meetings of subsections of the AMPERE group can obtain the title "AMPERE event" by a decision of the AMPERE bureau though they do not fall under the present rules.

The capital AMPERE events are the AMPERE Congresses.

### **2. Applications**

- 2.1. Applications for the organization of AMPERE events have to be submitted to the secretariat of the Groupement at least 2 years (in the case of capital events) or 12 months for (Spezialized Colloques) and 6 months (for Symposia, Summer Schools and Workshops) before the event is to take place.
- 2.2. The executive Committee will discuss these applications during the following regular spring meeting and decide on whether further information or even a local inspection is needed in order to transfer the proposal of capital events to the AMPERE Committee which will definitely decide on it.
- 2.3. If the proposal is accepted, the appointed chairperson will become automatically a temporary member of the AMPERE Bureau according to Paragraph VII of the statutes. He has the full responsibility for the organization and the program of the meeting. For the AMPERE Congress, the scientific program is established with the consent of the AMPERE president and the secretary general. He has to report regularly on the progress of the organization at the occasion of the sessions of the AMPERE Bureau and the AMPERE Committee.

### **3. Finances**

The financing of the events is in the sole responsibility of the local organizer.

The Groupement AMPERE does not take financial responsibility.

- 3.1. The organizers should do everything within their possibilities to keep the conference fees as low as possible. They should try to cover the fixed costs (as e.g. rents of lecture halls etc.) by grants or sponsorship.
- 3.2. Members of the groupement are entitled to get a reduction on the fees which amounts to the annual fee (at present to the equivalent of Euro 50.--) for capital events and to one annual fee (at present the equivalent of Euro 25.--) for normal events. Student discounts amount to half the amounts mentioned if the conference offers a student fee not exceeding 50 % of the regular registration.
- 3.3. For capital events executive officers of the groupement are exempted from the conference fee. For normal events one delegated member of the AMPERE Bureau is to be exempted from the conference fee. These exemptions include the proceedings and the conference material but do not include accommodation and meals.
- 3.4. In case of a surplus, the organizers are expected to transfer part of it to a special AMPERE fund, which will be used to support future events.

#### **4. Announcements**

- 4.1. The first announcements of AMPERE events are to be sent to all members of the Groupement except for small events as e.g. workshops with a restricted number of participants (<50). The secretariat will provide the complete address file of the members for this purpose.
- 4.2. In the AMPERE Bulletin a short version of the announcements will be published containing title of the event, deadlines and address where more information can be obtained.

#### **5. Proceedings**

- 5.1. The organizers decide on whether and in which form they will publish proceedings of the event.

5.2. If proceedings are published they should be made available also to scientists which did not attend the meeting, as well as to libraries and documentation centers.

5.3. Three copies of the proceedings or of the book of abstracts are to be sent to the AMPERE secretariat for documentation.

## **6. Final report**

A final report of the conference in electronic form and hardcopy suitable for reproduction in the AMPERE Bulletin should be sent to the secretariat. It should contain the highlights of the conference, number of participants etc., and in particular information about the proceedings.

## **7. Meetings of AMPERE organs**

During AMPERE Congresses the organizers should act as hosts (i.e. they have to provide the meeting room and facilities) for the sessions of the AMPERE Bureau, of the AMPERE Committee, and of the general assembly. Time and locations have to be reserved for this purpose. Organizers of other AMPERE events, in particular of Specialized Colloques should be prepared to act as host (in the above sense) for extraordinary meetings of the executive Committee or of the AMPERE Committee.

## **8. Coincidence with other meetings**

The organizers should do everything within their possibilities to avoid coincidences with other scientific meetings which could prevent whole groups of scientists from attending the AMPERE event. This can be done by reserving the priority by means of early publication of the approved event, date, and place, in journals or bulletins which reach the majority of physicists, chemists and biologists.

## **AMPERE Awards presented at the Congress AMPERE/EENC in Lille**

We are delighted to report that the following AMPERE prizes were presented on the Congress AMPERE/EENC in Lille:

- 1. The AMPERE Prize 2004 to Professor Paul T. Callaghan, Victoria University of Wellington, New Zealand**
  
- 2. The RAYMOND ANDREW Prize 2003 to Dr. Elena Vinogradov, Israel**
  
- 3. The RAYMOND ANDREW Prize 2004 to Dr. Fabien Ferrage, France**

Our warmest congratulations to the prize winners.

➔ More information about the award-winners will be published in the next bulletin.

Final Report

## **Information about AMPERE XII NMR SCHOOL**

in Zakopane, Poland, on June 6 - 11, 2004.

The AMPERE XII NMR SCHOOL in Zakopane (78 participants) was organized by Radiospectroscopy Division of the Institute of Physics, Jagellonian University, Cracow, Poland, under auspices of the Groupement AMPERE.

There were 10 plenary sessions with 28 lectures, presented by the following speakers:

**Ioan Ardelean** (Cluj, Romania),  
**Vladimir I. Chizhik** (St. Petersburg, Russia),  
**Janez Dolinsek** (Ljubljana, Slovenia),  
**Jacques Fraissard** (Paris, France),  
**Franz Fujara** (Darmstadt, Germany),  
**Eiichi Fukushima** (Albuquerque, USA),  
**Tommaso Gili** (Rome, Italy),  
**Eric Guittet** (Gif-sur-Yvette, France),  
**Hubert Haranczyk** (Cracow, Poland),  
**Andrzej Jasinski** (Cracow, Poland),  
**Stefan Jurga** (Poznan, Poland),  
**Joerg Kaerger** (Leipzig, Germany),  
**Olga B. Lapina** (Novosibirsk, Russia),  
**Mariusz Mackowiak** (Poznan, Poland),  
**Pascal P. Man** (Paris, France),  
**Peter McDonald** (Surrey, United Kingdom),  
**Dieter Michel** (Leipzig, Germany) – 2 lectures,  
**Hartwig Peemoeller** (Waterloo, Canada),  
**Marek J. Potrzebowski** (Lodz, Poland),  
**Joseph D. Puglisi** (Stanford, USA) – 2 lectures,  
**Claudia Schmidt** (Paderborn, Germany),  
**Angelika Sebald** (Exeter, UK),  
**Slawomir Szymanski** (Warsaw, Poland),  
**Takehiko Terao** (Kyoto, Japan),  
**Jan Wasicki** (Poznan, Poland),  
**Wladyslaw Weglarz** (Cracow, Poland).

Moreover there were also two poster sessions with 30 posters. The winners of these sessions – Ms. Joanna Boguszynska (Poznan, Poland) and Ms. Anastasia Vyalikh (Berlin, Germany) 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, an excursion to “Morskie Oko” (Sea Eye Lake) in Tatra Mountains and a conference dinner.

The organizers have published Proceedings of the School with 67 abstracts.

The next AMPERE XIII NMR School in Zakopane will be organized on June 5 - 10, 2005.

Jerzy S. Blicharski

Chairman of the NMR School

Address: Institute of Physics, Jagellonian University, ul. Reymonta 4, 30-059 Krakow, Poland, e-mail: [jsb@netmail.if.uj.edu.pl](mailto:jsb@netmail.if.uj.edu.pl), fax: +48-12-633-7086, web address: <http://users.uj.edu.pl/~ufjblich/xiinmr.htm>



AMPERE Bulletin No. 215

Report on the International Symposium and Summer School in Saint Petersburg  
**“Nuclear Magnetic Resonance in Condensed Matter” (NMRCM 2004)**

1<sup>st</sup> Meeting “NMR in Heterogeneous Systems” - July 12-16, 2004

Saint Petersburg University began a series of annual International Symposium and Summer School in Saint Petersburg “Nuclear Magnetic Resonance in Condensed Matter”. The first meeting under the subtitle “NMR in Heterogeneous Systems” was opened on Monday, July 12, and was closed on Friday, July 16, 2004. The goal of the Meeting was to provide a platform to scientists and students for use of all aspects of nuclear magnetic resonance methods and techniques as well as computational and theoretical approaches for the investigation of structure, dynamics, and other properties of heterogeneous systems. The Meeting was attended by 104 registered participants from 11 countries.

There were 18 lectures, presented by following speakers:

C. O. Arean (Palma de Mallorca, Spain)  
F. Bashirov (Kazan, Russia)  
V. I. Chizhik (Saint Petersburg, Russia)  
S. V. Dvinskikh (Stockholm, Sweden)  
U. Eichhoff (Rheinstetten, Germany)  
D. Fruchart (Grenoble, France)  
G. S. Kupriyanova (Kaliningrad, Russia)  
M. I. Kurkin (Ekaterinburg, Russia)  
A.G. Lundin (Krasnoyarsk, Russia)  
D. Michel (Leipzig, Germany)  
G. Navon (Tel Aviv, Israel)  
C. Rossi (Siena, Italy)  
R. Z. Sagdeev (Novosibirsk, Russia)  
N. M. Sergeev (Moscow, Russia)  
I. G. Shenderovich (Berlin, Germany)  
N. M. Skrynnikov (West Lafayette, USA)  
D. A. Tayurskii (Kazan, Russia).

Moreover, there were 33 contributed talks (15') and 54 poster presentations. The organizers published the Book of Abstracts.

NMRCM 2004 took place at the Petrodvorets Campus of Saint Petersburg State University. Petrodvorets (a satellite-town of Saint Petersburg) is famous for its parks with fountains

and palaces. The social program included two excursions (Petrodvorets and Saint Petersburg), a welcome-party, and a conference dinner.

The current information (including photographs) on the NMRCM 2004 is available up to the 1<sup>st</sup> of November at

<http://nmr.phys.spbu.ru/NMRCM-2004>

The NMRCM 2004 was supported by

- Ministry of Education and Science of Russian Federation
- Russian Foundation for Basic Research
- Bruker-BioSpin

The 2<sup>nd</sup> meeting of the NMRCM under the subtitle “ Nuclear Magnetic Resonance in Life Sciences” will be organized in Saint Petersburg on July 11 – 15, 2005.

## Report on the 7th Magnetic Resonance in Porous Media (MRPM7)

The 7th International meeting on Magnetic Resonance in porous media (MRPM7), chaired by Jean-Pierre Korb, held successfully at Ecole Polytechnique, Palaiseau (France) on July 4-8, 2004. During the five days of the conference, 16 invited talks, 27 oral presentations, 31 short oral presentations plus poster, and 71 posters were presented. 180 people registered for the conference and approximately 160 were actually present at the conference site. The proceedings of the meeting will be published after a referee process in the journal "Magnetic Resonance Imaging".

The conference was devoted to the progress of our understanding of porous media with regards to Physics, chemistry, Engineering, Industrial applications and Life sciences. 13 different sections occurred like:

NMR and MRI of gas, measurement of diffusion, dynamics of complex fluids in confinement, catalysts and packed beds, new trends in MRI, biological tissues and food materials, polymers in confinement, oil recovery, cement-based materials, new techniques.

Sincere thanks were expressed to Dr Paola Fantazzini for sponsoring an award of 2000 Euro in memory of Giulio Cesare Borgia. This award has been given this year to an emerging young scientist, D. Sakellariou, who based on a presentation to the community at the conference, shows greatest promise for future scientific leadership. Now, there shall be a regular prize, awarded at each Conference, called the "Giulio Cesare Borgia Award for Young Researchers".

During the meeting the Scientific Advisory Committee (B. Blümich, R.J.S. Brown, P. Callaghan, P. Fantazzini, M. Hürlimann, J. Kärger, I. Koptug, J.-P. Korb, R. Kimmich, P. McDonald, P. Sen, H.W. Spiess (President of Groupement Ampere), J. Strange, H. Thomann, R. Vailiullin) suggests the re-organisation of the rapidly growing MRPM-community as a subdivision of the Groupement Ampere. The proposal was widely welcomed and was accepted. It was agreed that Prof McDonald should contact the Groupement Ampere Bureau with a formal request for MRPM to join before their next meeting in Lille at September 6-11. As representatives, the committee elected Dr Paola Fantazzini (or alternatively a member of the University of Bologna, the host of the next MRPM conference, who would be named by Dr Fantazzini) and Prof Bernhard Blümich to represent the MRPM community in Lille as required. Prof Spiess remarked that the big NMR groups in Europe start coming closer together. For example, the Groupement Ampere, EENC, and NMRDG are planning to organize a common major European resonance meeting. In this context, the joining of the Ampere Group by the MRPM-community would fit well into the general development of the European NMR scene.

The chair of the next MRPM8 meeting in July or September 2006 will be P. Fantazzini (University of Bologna). The chair of the MRPM9 meeting in 2008 will be Dr. P. Sen (Schlumberger).

October 10, 2004

Jean-Pierre Korb

Chair MRPM7

**List of invited speakers (confirmed):**

1. Prof. Elena Y. Bagryanskaya (Novosibirsk, Russia),
2. Prof. Bruce J. Balcom (Fredericton, Canada),
3. Dr. Mladen Barbic (Pasadena, USA),
4. Dr. Robert Botto (Argonne, USA),
5. Dr. Gerd Buntkowsky (Berlin, Germany),
6. Prof. Elliott Burnell (Vancouver, Canada),
7. Prof. Cornelius A. de Lange (Amsterdam, Netherlands),
8. Prof. Jean-Baptiste d'Espinose de la Caillerie (Paris, France),
9. Prof. Ronald Y. Dong (Brandon, Canada),
10. Dr. hab. Andrzej Ejchart (Warsaw, Poland),
11. Prof. Edward Feldman (Moscow, Russia),
12. Prof. Jacques Fraissard (Paris, France),
13. Prof. Franz Fujara (Darmstadt, Germany),
14. Prof. Eiichi Fukushima (Albuquerque, USA),
15. Doc. Farida Grinberg (Stuttgart, Germany),
16. Prof. Stefan Jurga (Poznan, Poland),
17. Prof. Rainer Kimmich (Ulm, Germany),
18. Dr. Danuta Kruk (Darmstadt, Germany),
19. Prof. Serge Lacelle (Sherbrooke, Canada),
20. Dr. hab. Zdzislaw T. Lalowicz (Cracow, Poland),
21. Prof. Hans-Heinrich Limbach (Berlin, Germany),
22. Prof. Alex MacKay (Vancouver, Canada),
23. Prof. Dieter Michel (Leipzig, Germany),
24. Prof. Peter Morris (Nottingham, UK),
25. Prof. Hatrwig Peemoeller (Waterloo, Canada),
26. Prof. Wlad T. Sobol (Birmingham, USA),
27. Prof. Hans W. Spiess (Mainz, Germany),
28. Dr. hab. Jadwiga Tritt-Goc (Poznan, Poland),
29. Prof. Shimon Vega (Rehovot, Israel),
30. Prof. Roderick Wasylishen (Edmonton, Canada),
31. Prof. Iwona Wawer (Warsaw, Poland).

## Joint conference of EENC, AMPERE and British NMR-DG

(EUROMAR 2005)

The European Experimental Magnetic Resonance Conference 2005 (EUROMAR 2005, July 3 - 8, The Netherlands) will be the proving ground for a new generation of annual Magnetic Resonance Conferences in which the existing bi-annual [EENC](#), [Congress Ampère MR](#) and the [UK NMR-DG International NMR Conferences](#) are integrated. Next to a world-class level conference covering progress in magnetic resonance, it aims to provide high level training opportunities to young scientists in integrated special workshops, guided poster tours and meet the speaker sessions. This Magnetic Resonance for the Future meeting provides workshops and sessions on methodological developments, exploiting polarisation, developments that push the application envelope, computational aspects and emerging techniques. As keynote speakers leading scientists are being invited. The proposed program of some 80 lectures provides next to keynote, plenary and invited lectures over 45 contributed lectures. For the latter young scientists will be selected on the basis of their proposed poster and/or on recommendation from workgroup leaders. Europe has a leading role in magnetic resonance, both scientifically and with respect to commercial leadership and the conference aims to emphasize this leading role. Vendors will have the opportunity to promote their products in talks and in vendor suites.

### Topics

#### Methodological developments

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

#### Advanced Application Areas

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

## Exploiting polarisation

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

## Computational aspects - Calculation of NMR/ESR parameters

- From experimental data to information

## Emerging technologies

- Ultra-fast NMR
- Quantum Computing
- Molecular imaging

## Conference Venue

[The Koningshof in Veldhoven, the Netherlands](#), is the proposed venue for the conference.

## Registration Fee

The tentative full registration fee is set at 350 €. The full accommodation and the all-inn subsistence costs for the participants for the duration of the meeting (five days) are estimated at 600 - 750 €. This is inclusive of the conference dinner. Extensive sponsoring will be solicited in order to be able to lower the costs for the participants and the conference organizers have successfully asked for EU support under the Marie Curie programme.

First Announcement

**International Symposium and Summer School in Saint Petersburg  
“Nuclear Magnetic Resonance in Condensed Matter”**

2<sup>nd</sup> Meeting “NMR in Life Sciences”

St. Petersburg, Petrodvorets, Russia, 11 – 15 July 2005



**INVITATION**

Saint Petersburg State University continues Annual International Symposium and Summer School “**Nuclear Magnetic Resonance in Condensed Matter**” (**NMRCM**). The second meeting under the subtitle “**NMR in Life Sciences**” will be opened on Monday, July 11, 2005 and will be closed on Friday, July 15, 2005.

The goal of the meeting is to provide a platform to scientists and students for use of all aspects of nuclear magnetic resonance methods and techniques as well as computational and theoretical approaches for the solving of various problems in life sciences. The Organising Committee kindly invites you and your colleagues to Saint Petersburg to participate in the International Symposium and Summer School **NMRCM 2005**.

**LOCATION**

NMRCM 2005 will take place at the Petrodvorets Campus of Saint Petersburg University. Petrodvorets is a charming town, former summer residence of Russian Tsars, a place famous for its parks, palaces and fountains. Petrodvorets is located at the South Coast of the Gulf of Finland at a distance of 30 km from the centre of St. Petersburg. In 2005 Petrodvorets will celebrate 300 anniversary.

## TOPICS

The second meeting NMRCM 2005 will cover all aspects of nuclear magnetic resonance in life sciences:

- biology and medicine
- ecology and environmental research
- food science, cosmetics, etc.
- MR imaging
- novel NMR techniques
- computer simulations
- model systems
- water

Scientists and students from all countries are invited to make plenary lectures, oral reports and poster presentations.

The official languages of the Symposium and School are English (preferential) and Russian. At the NMRCM 2004 about 80 per cent of lectures and oral reports were in English.

Abstracts of the reports will be published. The Book of Abstracts will be distributed to each registered participant on arrival at NMRCM 2005.

## PRELIMINARY REGISTRATION FORM

of the participant of NMRCM 2005

Electronic registration form will be available soon.

## REGISTRATION FEE

Active participants — 250 Euro

Students — 150 Euro

Accompanying persons — 125 Euro

The fee includes organisation costs, NMRCM 2005 materials, visa support and registration, welcome-party, and coffee breaks.

Number of participants is limited by 150 persons.

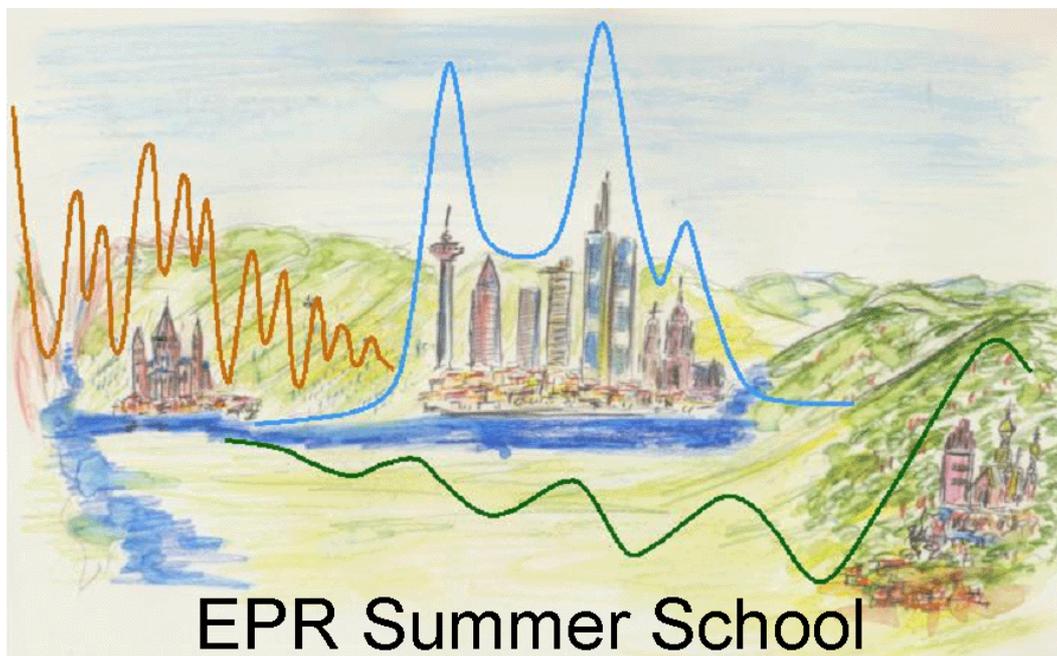
## IMPORTANT DATES

28 February 2005	Deadline for Preregistration Form
4 March 2005	Second Announcement and Call for Papers
18 April 2005	Deadline for the receiving of Abstracts and visa applications
25 April 2005	Letter of Acceptance
23 May 2005	Deadline for the receiving of registration fee
1 June 2005	Third Announcement
15 June 2005	Programme

ORGANISING COMMITTEE	CONTACT ADDRESSES
<p><i>Co-Chairmen:</i> V. I. Chizhik (Saint Petersburg) R. Z. Sagdeev (Novosibirsk)</p> <p><i>Vice-Chairmen:</i> V. S. Kasperovich (Saint Petersburg) A. V. Komolkin (Saint Petersburg)</p> <p><i>Members:</i> A. V. Aganov (Kazan) V. V. Frolov (Saint Petersburg) A. V. Egorov (Saint Petersburg) A. V. Griбанov (Saint Petersburg) S. Jurga (Poznan) D. Michel (Leipzig) N. M. Sergeyev (Moscow) V. D. Skirda (Kazan) A. B. Yaroslavtsev (Moscow)</p>	<p>Dr. <b>Andrei V. Komolkin</b> (Ref.: NMRCM 2005) Department of Quantum Magnetic Phenomena V. A. Fock Institute of Physics St. Petersburg State University Ulyanovskaya str., 1 Petrodvorets, 198504, Saint Petersburg, RUSSIA</p> <p>Phone: +7-(812)-428 4479, +7-(812)-428 4362 Fax: +7-(812)-428 7240 e-mail: <a href="mailto:nmrcm@esr.phys.spbu.ru">nmrcm@esr.phys.spbu.ru</a> URL: <a href="http://nmr.phys.spbu.ru/NMRCM-2005">http://nmr.phys.spbu.ru/NMRCM-2005</a></p>

## 3rd EPR Summer School of the European Federation of EPR Groups (EFEPG)

under the auspices of the Groupement AMPERE



to be held at the Wilhelm-Kempf Haus in Wiesbaden, GERMANY, from 17<sup>th</sup> to 24<sup>th</sup> July 2005

- Lectures on all modern aspects of EPR
- Practical courses on pulsed and High-field EPR
- Computer courses with simulation software
- Hands-on exercises for data analysis

### Local Organising Committee

T. Prisner (Frankfurt)  
M. Bennati (Frankfurt)  
K.-P. Dinse (Darmstadt)  
R. Eichel (Darmstadt)  
B. Endeward (Frankfurt)  
G. Jeschke (Mainz)  
F. MacMillan (Frankfurt)  
O. Schiemann (Frankfurt)

### Scientific Organising Committee

M. Brustalon (Padua)  
K.-P. Dinse (Darmstadt)  
D. Goldfarb (Rehovot)  
E. Goovaerts (Antwerp)  
E. Groenen (Leiden)  
P. Hore (Oxford)  
T. Prisner (Frankfurt)

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## 8th ICMRM in Utsunomiya – 8th „Heidelberg“ Conference

August 22 – 26, 2005



Yomeimon at Toshogu

<b>Dates:</b>	Abstract deadline: April 30, 2005
<b>Venue:</b> Dokkyo University School of Medicine	<a href="http://www.dokkyomed.ac.jp/index-e.html">http://www.dokkyomed.ac.jp/index-e.html</a>
Mibu-machi, Shimotsuga-gun, Tochigi 321-0293	Phone: +81-282-87-2125 Fax: +81-282-86-7835
30 minutes from JR Utsunomiya Station Shuttle bus service will be available	
<b>Advisors:</b> Yoji Arata, RIKEN Hirotake Kamei, Ogawa, Brain Function Institute	
<b>Local Organizing Committee:</b> Nobuaki Ishida, National Food Research Institute, Tsukuba Kuniyasu Ogawa, Keio University, Yokohama Yoko Kanazawa, Radiological Institute, Chiba Koji Saito, Nippon Steel Corporation, Kimitsu Mineyuki Hattori, National Institute of Advanced Industrial Science and Technology Independent Administrative Organization under METI, Tsukuba Tomoyuki Haishi, MRTechnology, Tsukuba Sigeru Matsui, University of Tsukuba, Tsukuba Fumiyuki Mitsumori, National Institute for Environmental Research, Tsukuba Masataka Murakami, Physiological Institute, Okazaki Tokuko Watanabe, Tokyo Marine University, Tokyo	
<b>Co-Chair:</b> Yoshiteru Seo, Dokkyo University School of Medicine, Utsunomiya Katsumi Kose, University of Tsukuba, Tsukuba	

## **The 4<sup>th</sup> Alpine Conference on Solid-State NMR**

A European Conference on Solid State Nuclear Magnetic Resonance

New concepts and applications

### **Chamonix-Mont Blanc, France, 11-15 September 2005**

Under the auspices of the Groupement AMPERE and the International Society of Magnetic Resonance.

#### **Aims and scope of the meeting**

The aim of the conference is to provide an international forum for high-level discussions to physicists, chemists, biologists and other scientists with both an academic or industrial background, interested in the latest developments in solid state NMR.

The meeting will focus on the state of art in theoretical and methodological developments, as well as on recent applications of solid state NMR in fields as diverse as: organic and inorganic chemistry, catalysis, structural biology, materials science and polymer science. Young scientists are particularly encouraged to participate.

#### **Special Sunday Symposium**

The conference programme will start on Sunday, with a special symposium in honour of Alex Pines on the occasion of his 60<sup>th</sup> birthday. The symposium will include several keynote speakers. The programme for the Sunday symposium will be available shortly.

#### **Programme**

The programme will consist of plenary lectures and contributed communications, with one special session dedicated to young scientists, and two poster sessions.

In addition, a highlight special lecture will be delivered by an outstanding personality from a related field. David Klug (London) has agreed to give this lecture.

The meeting will focus on the following topics:

- A. Solid-State NMR Methods
- B. Applications to Biophysics and Biochemistry
- C. Applications to Physics and Chemistry

The following speakers have already accepted to participate:

S.E. Hayes (St. Louis), F. Jelezko (Stuttgart), P.D. Ellis (Richland), L. Emsley (Lyon), A. Pines (Berkeley), D. Rugar (Almaden), M. Tomaselli (Zürich), D.P. Weliky (East Lansing)

## **Registration**

The second circular and the final program will be available early in 2005. The deadline for registration will be May 1st, 2005. Participation will be strictly limited to around 200. A number of student bursaries and travel stipends will be available.

## **Venue and accommodation**

All conference activities will take place at the conference center "Le Majestic", a converted turn of the century grand hotel, situated in the heart of the picturesque city of Chamonix Mont-Blanc. Chamonix Mont-Blanc is about 1 hour from Geneva airport and 2 hours from Lyon by car. Single and double bedroom accommodation has been reserved in comfortable hotels, close to the conference center.

## **Scientific Committee**

M.H. Levitt (Southampton), Chairman, D. Suter (Dortmund)

S.J. Opella (San Diego)

## **Organising Committee**

L. Emsley (Lyon), S. Caldarelli (Marseille), A. Lesage (Lyon), M. Bardet (Grenoble), S. Hediger (Lyon)

## **Address for correspondence**

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## **Second circular**

If you would like to receive the second circular and registration form, please send us email.

***Information via Internet:*** <http://www.alpine-conference.org/>

## FUTURE CONFERENCES

### AMPERE EVENTS

#### 2005

AMPERE XIII NMR School	Zakopane (Poland)	June 5-10, 2005
EUROMAR joint EENC/AMPERE/British NMR-dg meeting	Veldhoven (The Netherlands)	July 3-8, 2005
Nuclear Magnetic Resonance in Condensed Matter	St. Petersburg (Russia)	July 11-15, 2005
EPR Summer School	Wiesbaden (Germany)	July 17-24, 2005
8 <sup>th</sup> International Conference on Magnetic Resonance Microscopy	Utsunomiya (Japan)	August 22-26, 2005
18th Colloque International Hertzian Optics and Dielectrics	Tunisia	September 5-7, 2005
4 <sup>th</sup> Alpine Conference on Solid-State NMR	Chamonix (France)	September 11-15, 2005

#### 2006

Joint NMRDG/AMPERE Meeting	York (U.K.)	July 17 - 21, 2006
The 8th International Bologna Conference on Magnetic Resonance in Porous Media	Bologna (Italy)	September 10-14, 2006

### Other Events

#### 2004

43 <sup>rd</sup> Eastern Analytical Symposium (EAS)	Somerset, New Jersey (USA)	November 8-12, 2004
43 <sup>rd</sup> Japan NMR Conference	Tokyo, (Japan)	November 10-12, 2004
Second National Meeting of the American Society for Matrix Biology	San Diego, CA (USA)	November 10-13, 2004

## 2005

26 <sup>th</sup> Danish NMR Discussion Group Meeting  Bautahøj Course Centre, For information contact Jens Led or Søren M. Kristensen, Copenhagen.	Jaegerspris, (Denmark)	January 10-11, 2005
21 <sup>st</sup> ICMRBS	Hyderabad (India)	January 16-21, 2005
46 <sup>th</sup> ENC	Providence, Rhode Island, (USA)	April 10-15, 2003
13th ISMRM Meeting	Miami Beach, Florida (USA)	May 7-13, 2005
16th European Symposium on Polymer Spectroscopy	Rolduc Abbey, Kerkrade, (NL)	May 29 – June 1, 2005
22 <sup>nd</sup> Meeting of the ESMRMB	Basel, (Switzerland)	September 15-18, 2005

## 2006

14th ISMRM Meeting	Seattle, Washington (USA)	May 6-12, 2006
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## 2007

15 <sup>th</sup> ISMRM Meeting	Barcelona, (Spain)	May 12-18, 2007
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## 2008

16 <sup>th</sup> ISMRM Meeting	Toronto, Ontario, (Canada)	May 3-9, 2008
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## 2009

17 <sup>th</sup> ISMRM Meeting	Honolulu, Hawai'i, (USA)	April 18-24, 2009
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