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BULLETIN DU GROUPEMENT

d'informations mutuelles

AMPERE

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

January – April 2004

No. 214

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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:.....

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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 Zürich, April 2, 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),

R. Blinc (SI) (honorary member),

J-P. Amoureux (F), St. Caldarelli (F), J. Dolinsek (SI), (temporary members).

Excused:

G. J. Béné (CH), J. Blicharski (PL), D. Farrant (GB), A. Haase (D), J.P. Korb (F), M. Mehring (D), A.A. Rigamonti (I), J. Stepisnik (SI)

Agenda:

1. Approval of the minutes of the AMPERE Bureau meeting in Zurich, April 11, 2003.
2. Report on the state of the AMPERE Society (H.W. Spiess).
3. Financial Report (B.H. Meier).
4. Report of the AMPERE price committee (M. Mehring)
5. Members of the AMPERE Committees (B.H. Meier).
6. Final reports past meetings (B.H. Meier)
 - AMPERE XI NMR School, Zakopane (J. Blicharski)
 - 17th Colloque International Hertzian Optics and Dielectrics, OHD'2003, Calais (J-Y. Buzaré)
 - 3rd Alpine Conference on Solid-State NMR, Chamonix-Mont Blanc (St. Caldarelli)
 - Specialized Colloque AMPERE 2003, Bernardin, Portoroz (J. Dolinsek)
 - 7th International Conference on Magnetic Resonance Microscopy, Snowbird (A. Haase, B.H. Meier)
7. Future meetings:
 - **New permanent school:**

European School on Solid-State NMR, Valencia	Sept. 13-17 2004	(St. Caldarelli)
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 - **2004**

International School on Magnetic Resonance and Brain Function, Erice-Sicily	May 23-27	(B. Maraviglia)
AMPERE XII NMR School, Zakopane	June 6-11	(J. Blicharski)

- 7th International Conference on Magnetic Resonance in Porous Media, Palaiseau July 4-8 (J.P. Korb)
- Congress AMPERE/EENC, Lille Sept. 6-11 (J-P. Amoureux)
the first EENC/AMPERE joint meeting

2005

- AMPERE XIII NMR School, Zakopane June 5-10 (J. Blicharski)
- 8th International Conference on Magnetic Resonance Microscopy, Kyoto Sept. 4-8 (A. Haase)
- 18th Colloque International Hertzian Optics and Dielectrics, Tunisia Sept. 5-7 (J-Y. Buzaré)
- 4th Alpine Conference on Solid-State NMR, Chamonix Sept. 11-15 (St. Caldarelli)

2006

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

8. EUROMR: further directions
9. Preparation of general assembly in Lille
10. Varia
11. Date of next meeting

At 1:30 p.m. H.W. Spiess welcomed all present Bureau members and opened the meeting. The agenda was approved unanimously.

- Ad. 1 The minutes of the AMPERE Bureau meeting in Zurich, April 11, 2003, published in the AMPERE Bulletin No. 210, were accepted unanimously.
- Ad. 2 H.W. Spiess summarized the main topics of his report, which is in the appendix to these minutes. He gave an overview on last year's AMPERE activities and future events. Referring to the planned better coordination of European NMR-activities he emphasized the importance of the joint Congress AMPERE/EENC in Lille, which will provide first experiences in this respect. His report was accepted unanimously.
- Ad. 3 B.H. Meier presented his financial report, which is given in the appendix to these minutes and commented on the details of the balance. Possible ways to optimize the investment of the money of the "Andrew donation" were discussed. The Bureau voted for keeping the amount in US\$ until fall. The report was approved unanimously.
- Ad. 4 The report of the AMPERE price committee was summed up by B.H. Meier.
- Ad. 5 H.W. Spiess requested proposals for new committee members (in part possibly replacing inactive actual members). Possible candidates were discussed. Further

suggestions should be sent to B.H. Meier.

Ad. 6 Final reports of past meetings have been published in the bulletins:

- AMPERE XI NMR School, Zakopane Nr. 211
- 17th Colloque International Hertzian Optics and Dielectrics, OHD'2003, Calais Nr. 212
- 3rd Alpine Conference on Solid-State NMR, Chamonix-Mont Blanc Nr. 212
- Specialized Colloque AMPERE 2003, Bernardin, Portoroz Nr. 212
- 7th International Conference on Magnetic Resonance Microscopy, Snowbird Nr. 212

Ad. 7 **2004**

St. Caldarelli explained the basic idea, the organizational structure and the scope of the new *European school on Solid-State NMR*. (Organization: St. Caldarelli and N. Müller). A maximal number of 25-30 participants in the training courses are envisaged and in the fee of 500 EUR all will be included. The school's relation to AMPERE was shortly discussed. St. Caldarelli will stay in contact with the Bureau. B. Maraviglia gave a short overview on the program of *the International School on Magnetic Resonance and Brain Function*, in Erice, which runs under the auspices of EMFCSC. The status "under the auspices of AMPERE" was granted unanimously.

B.H. Meier presented the program of the AMPERE XII NMR School, in Zakopane. St. Jurga mentioned that from 2006 on, a new similar school is planned as a follow up and should be run as an *advanced* school.

B.H. Meier informed about the report of J.P. Korb on the *7th International Conference on Magnetic Resonance in Porous Media* in Palaiseau.

J-P. Amoureux reported in detail on the state of ongoing preparation of the *Congress AMPERE/EENC*, in Lille. Specific points of the planned program, concerning invited and keynote speakers, parallel sessions, incorporation of prize lectures and meetings of the different committees, as well as vendors' presentations, were discussed more extensively. Moreover, some suggestions for the registration procedures and fee payments for supported participants were made.

2005

B.H. Meier summarized the available information on *AMPERE XIII NMR School*, in Zakopane and *the 8th International Conference on Magnetic Resonance Microscopy*, taking place in Kyoto.

J-Y. Buzaré presented news of the planned *Colloque International Hertzian Optics and Dielectrics*, organized by A. Bouallègue in Tunisia. Further information is available in the minutes of the HOD committee meeting (see this bulletin).

St. Caldarelli gave preliminary information on the list of invited speakers for the *4th Alpine Conference on Solid-State NMR*, in Chamonix.

H.W. Spiess proposed a Specialized Colloque AMPERE to be held as a back-to-back event with the meeting of the German Chemistry Society in Mainz. The tentative title of the colloque is *Distance measurements with NMR and EPR*.

Further planned EPR and NMR events were shortly discussed.

2006

Possible members for the scientific committee of the joint *NMRDG/AMPERE Meeting*, in York have been contacted and a full proposal will be ready by the end of October 2004.

Ad. 8 and 9

H.W. Spiess recapitulated the main points of his last year's report concerning the combining of activities of the three European NMR groups, AMPERE, EENC and NMRDG. Several aspects and issues of this effort, were extensively discussed. It was agreed that the "2+2+2 committee" representing all three groups will work out a detailed proposal for the first EUROMR conference for the Lille meeting of the AMPERE society. In this context the proposed adaptation of the AMPERE statutes were discussed and approved. (See this bulletin).

The AMPERE Bureau has nominated the Executive Officers for re-election. (See page 11).

Ad. 10 The potential of student discounts (for conference fees etc.) and stipends were considered. St. Jurga agreed to explore the possibility of handing in a related project for financial support by EU organizations. It was decided to introduce a student membership for the AMPERE society.

Ad. 11 The next meeting of the AMPERE Bureau in Zurich is scheduled for Friday, April 1, 2005.

At 5:30 p.m. H.W. Spiess closed the meeting and thanked all participants.

sig. J. Roos

Report on the State of the Groupement AMPERE

Zürich, April 2nd, 2004

General

Remarkable developments come to mind when looking back to the period since my last report a year ago: On the personal side, we again had the pleasure to congratulate a European Nobel-Laureate, *Sir Peter Mansfield*. Incorporated in a meeting of the Swiss Chemical Society, we celebrated the 70th birthday of our Honorary Member Professor *Richard Ernst* in Zürich and our former President, Professor *Robert Blinc*, who also turned 70 last year was honoured by a Specialized Colloque AMPERE in Portoroz last September. Sincere thanks go to both colleagues for their long standing support of the Groupement AMPERE.

Moreover, we received a generous donation from Mrs. Eunice Andrew, to support the *Raymond Andrew Prize* for outstanding Ph.D. theses, which will allow us to grant this prize once per year. We are deeply touched by her initiative and, again, express our sincere thanks to her.

The drive for a better *coordination* of magnetic resonance activities in *Europe* continues as manifested by the fact that the upcoming congress in Lille is a joint event of AMPERE and EENC. Further steps will be decided at the meetings of the AMPERE-bodies in Lille and I ask the members of the Groupement AMPERE for continuing support of our initiative. Please ask your colleagues to become members of our Society in order to further broaden its basis.

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 last year's AMPERE events on our homepage <http://www.ampere.ethz.ch>. The 7th International Conference on Magnetic Resonance Microscopy in Snowbird, USA demonstrated the fully international scope of our Society. This is even more evident when considering the fact that this conference will take place in Japan next year, before it will return to Europe in 2007. The Specialized Colloque on NMR and EPR of Broad-line Solids in Portoroz, honouring our former President Robert Blinc included a substantial amount of EPR-spectroscopy and the success of the 3rd Alpine

Conference on Solid State NMR clearly demonstrated that this event is fully established in this raising field. This also holds for the AMPERE School in Zakopane which was held for the eleventh time already. This year it will be flanked by a new European School on Solid-State NMR addressing beginners in the field. Last, but not least it gives me pleasure to recognize the 17th HOD meeting in Calais which demonstrated that this magnetic resonance related field continues to prosper. This list of events shows that the Groupement plays an important role in fostering our field and I don't want to miss this opportunity to thank all organisers for the work they put into preparing these events. Proposals for the future are welcome, as the success of the Groupement AMPERE depends on your active role in its activities.

Closing Remarks

Magnetic Resonance is as appealing as ever. The wide scientific recognition could not be better demonstrated than by the two Nobel-Prizes during the last two years. Two of the three laureates are from Europe! In order to play a leading role in disseminating the results of our activities to scientists and to the public, however, the activities of the organizations in our beloved field must be better coordinated. The Groupement AMPERE is willing to play an active role in this endeavour.

See you all at the first AMPERE / EENC Congress in Lille, September 6-11, 2004.

<http://www.NMR2004.com>



Hans Wolfgang Spiess

Zürich, April 02nd, 2004

Financial Situation of the Groupement AMPERE

Fortune of the Society per February 27, 2004 (Accounts in CHF)

Bank Savings Account		CHF	45'789.70		
Bank Current Account			8'898.—		
Bank Savings Account SMR			6'392.45		
360 CS Portfolio Income Account			41'166.—		
<hr/>					
Total Savings				CHF	102'246.15
Unpaid Fees 2002	29 x 35.--	CHF	1'015.—		
Unpaid Fees 2003	41 x 35.--	CHF	1'435.—		
<hr/>					
Total unpaid Fees				+	2'450.—
Prepaid Fees 2004-6	92 x 35.--			-	3'220.--
<hr/>					
Effective Fortune February 27, 2004				CHF	101'476.15
Effective Fortune April 1, 2003: CHF 85'219.90					

sig. B.H. Meier

Financial Situation of the Groupement AMPERE

Fortune of the Society per February 27, 2004 (Dollar Account, ANDREW PRIZE)

Bank Account US\$	100'000.—
	=====

sig. B.H. Meier

Re-elections of the Executive Officers for the period 2004 – 2006

According to a decision of the AMPERE Committee the nominations of executive officers by the AMPERE Bureau have to be published in the AMPERE Bulletin prior to the Committee meeting.

The AMPERE Bureau has nominated the following officers for re-election:

President	H.W. Spiess
Vice Presidents	D. Goldfarb St. Jurga
Secretary General	B.H. Meier
Executive Secretary	J. Roos
H.O.D. Representative	J.Y. Buzaré
SRMR Representative	A. Haase

Every Committee member is entitled to present own nominations during the Committee meeting at the Congress AMPERE in Lille.

Revision Proposal

STATUTES OF THE GROUPEMENT AMPERE

Approved by the AMPERE Committee on July 17, 2002 at the Congress AMPERE in Poznań.

Paragraph I: Definition, Domicile, Expiry

- 1.1 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.
- 1.2 The time, for which the association is constituted, is not limited.
- 1.3 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 ~~(capital AMPERE events)~~ and Specialized "Colloques" ~~organized biennially~~.
- 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 addressed 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 ~~biennial~~ 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

- V.1. The general assembly is the supreme power of the association.
- V.2. The General assembly executes all rights which are not delegated to another organ by the present statutes.
- V.3. 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. ~~in particular on the content and the periodicity of the Bulletin, on the date and place, as well as, on the general direction of capital AMPERE events.~~

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 ~~(in principle biennially)~~. 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

- X.1. 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.
- X.2. 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.
- X.3. 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.

Procedures and Guide-Lines for the Organization of AMPERE events

Approved by the Executive Committee of the Groupement AMPERE on July 15, 2002 in Poznań

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 **biennially organized** 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 ~~two times~~ 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.

HERTZIAN OPTICS , DIELECTRICS (HOD) DIVISION OF THE GROUPEMENT AMPERE

MINUTES OF THE MEETING OF THE HOD EXECUTIVE COMMITTEE PARIS, MARCH 20th 2004

Members present : G. Alquié, H. Baudrand, J. Billard, J.-Y. Buzaré, J.-C. Carru, J. Chandezon, J.-P. Daniel, A. Dégardin, J.M. Fornies Marquina, R. Petit, O. Picon, Y. Servant, J.-G. Théobald.

Excused : J. Chilo, C. Corvaja, G. Raoult

Agenda :

1. Approval of the minutes of the HOD bureau meeting in Calais, March 23rd, 2003
2. Financial balance of the 17th HOD meeting, Calais (J.-C. Carru)
3. Information on the 18th HOD Colloque, 2005.
4. Discussion about new members of the HOD Committee.
5. Election of a new president of the HOD bureau

At 10 : 45 H. Baudrand opened the meeting, welcomed all the present members.

Ad 1) The minutes of the previous meeting of the HOD executive Committee in Calais on September 3 2003 were approved unanimously.

Ad 2) As the head of the local organizing committee of the 17th HOD meeting in Calais, Pr JC Carru presented the financial balance.

Ad 3) Pr H. Baudrand gave some information on the status of progress in the 18th HOD Colloque preparation. As it was decided in Calais, the meeting will take place in Hammamet (Tunisia) at the beginning of September 2005 (5-7). Pr Bouallègue will be the head of the local organizing committee.

Ad 4) As they informed the HOD bureau in Calais, R. Petit, G. Raoult, Y. Servant and JC Theobald have decided to retire from the bureau definitely. First, J.-Y. Buzaré, J. Chandezon, Y. Servant render homage to Y. Servant, R. Petit, G. Raoult and J.-C. Theobald respectively. Second, a discussion took place concerning the problem of their replacement and more generally the nomination of new members. It was decided to ask some scientific personalities among the invited speakers at the last HOD meetings to join the bureau. A definitive decision should take place at the next bureau meeting in Paris.

Ad 5) H. Baudrand confirmed his desire to leave the presidency of the HOD bureau. G. Alquié accepted to apply to the position. After a short presentation of his objectives for developing the HOD influence, the present members of the bureau elected him by secret ballot (12 votes).

H. Baudrand thanked all the present members and closed the meeting at 1:15 p.m.

J.Y. Buzaré

EPR and NMR at High Field: Applications to Magnetic Systems and Superconductors.

Satellite Conference of the ICM 2003: July 23- 25 2003, Pisa Italy.

Scientifically Sponsored by Groupement AMPERE

Organized by the Institute for the Chemical- Physics Processes of the National Research Council (IPCF- CNR) the conference held at the Area della Ricerca of CNR in Pisa, put together a small and significant sample of the community of the high magnetic field scientists operative in the field of magnetic resonance from four continents: Asia: represented by Japan(9 participants) and Corea (1), Europe: France(5), Germany(6), Netherlands(4), United Kingdom(5), Hungary(4), Russia(4), Bulgaria(1), Romania(1), Italy(8) North America: USA(2) and South America: Argentina (2). Thanks to the limited number of attending people the participation was always large both in the presentations and in the following discussions. The main topics of the conference were:

- Strongly correlated and frustrated magnetic systems
- Spin glasses, random magnets and disordered systems
- Spin electronic and magnetic Transport.
- Nanoscopic and mesoscopic magnetic systems.
- Molecular magnetism and materials.
- Field-induced phases in quantum systems.
- Magnetic superstructures in 2D systems.
- 2D electron gases in multiple quantum wells.
- Advances in instrumentation and methodology.

Thanks to some last minute participation some biophysical application of the HF-EPR techniques were treated as well. The scientific program included three EPR and three NMR sessions plus a mixed NMR – EPR final session. There were eight invited contributions: Y. Furukava. Quantum tunneling of the magnetization in the magnetic cluster Fe₈ detected by NMR. A.L. Barra. HF-EPR for the study of Single-Molecule Magnets. . Janossy. Magnetic resonance in hole doped antiferromagnetic YBaCuO. . Horvatic. Magnetisation plateau in the frustrated 2D AF compound SrCuBO₃. R. Bittl. EPR at 360 GHz and ENDOR at 95 GHz on Radicals in Proteins.

S.Krämer. Conventional and exceptional charge and spin dynamics in the electron doped high temperature superconducting cuprate. N. Freytag. Measurement of the spin polarization in single 2D Electron Systems. G. Jeschke. Modern EPR Methods for Characterising Nanostructures. The conference included also twelve oral contributions and 25 poster contributions. and a round table on experimental and instrumental advances in Magnetic Resonance at High Fields. Of which large part was deserved to the exchange of information between the scientific community and the representative of Oxford Instruments, Dr. P. Pickering and Dr. A. Catalfamo. The conference was followed by the fourth meeting of SENTINEL the European Infrastructure Cooperation HFEP network.

Report by M. Martinelli and A. Rigamonti

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

The joint conference will be held in Lille (FRANCE) from 6th to 11th September 2004. Devoted to all aspects of magnetic resonance, the conference will gather numerous scientists.

All available information about this event is on the website: <http://www.nmr2004.com>

About Registration:

Registration fees	students	others
before May 31 st for AMPERE members	100 Euros	200 Euros
before May 31 st for others	110 Euros	225 Euros
after June 1 st	130 Euros	250 Euros

Student means born after January 1st, 1974. (an ID will be asked)

The registration fees can only be paid by an online payment. The online payment will regroup the following:

Student Rooms:

Student rooms are available: 11 Euros per night

Accommodation forms are in useful Information > Accommodation.

Hotel Rooms:

Hotel rooms are held by the Lille Tourism Office.

The reservation form is printable from the nmr2004 website.

Banquet:

A banquet is organized on Thursday evening.

The number of available places is limited to 400.

A banquet seat costs: 25 Euros

Student stipends:

A limited number of student stipends will be attributed in July.

The deadline for application for a student stipend is May 31st, 2004.

Applications for student stipends will only be taken into

account if Registration fees have been paid previously in time.

Cancellation:

In case of cancellation, your payment will be refunded as following:

- Totally before May 31st, 2004.
- Up to 75% between 1st and 30th, June 2004.
- Up to 50% between 1st and 31st, July 2004.
- NO refund after August 1st, 2004.

About Parallel Sessions:

The following broad topics should be covered within the frame of parallel sessions:

- New liquid-state NMR experiments for biological applications.
- New solid-state NMR experiments for biological applications.
- New methodologies in solid-state NMR.
- Materials as studied by magnetic resonances.
- Magnetic resonance imaging and transport phenomena.
- EPR.
- Calculation of NMR/EPR parameters.
- NMR in biomedicine.
- Broad line NMR/EPR.
- Spin relaxation.
- Analytical applications of NMR.
- Paramagnetic systems.
- Emerging techniques.

Only one abstract will be accepted for each registred participant.

Deadline for receipt of abstracts to be considered for an oral presentation: April 30th, 2004

Deadline for receipt of abstracts to be considered for a poster: May 31st, 2004

Contact:

The conference is co-chaired by:

- Jean-Paul AMOUREUX (Lille I University), jean-paul.amoureux@univ-lille1.fr
- Daniel CANET (Henri Poincare, Nancy I University), daniel.canet@rmn.uhp-nancy.fr

AMPERE XII NMR SCHOOL, Zakopane (Poland)

June 6-11, 2004.

List of speakers and lectures:

Ioan Ardelean (Cluj, Romania)

"NMR Investigations of Diffusion in Partially Filled Porous Media"

Silvia Capuani (Rome, Italy)

"Intermolecular Multiple-Quantum Relaxation Times in Heterogeneous Systems"

Vladimir I. Chizhik (St. Petersburg, Russia)

"Quadrupole Relaxation in Ionic Solutions"

Janez Dolinsek (Ljubljana, Slovenia)

"NMR of Quasiperiodic Metallic Alloys"

Jacques Fraissard (Paris, France)

"Xe-NMR Study Technique"

Eric Guittet (Gif-sur-Yvette, France)

"Protein NMR and the Structure-Function Paradigm"

Hubert Haranczyk (Cracow, Poland)

"Rehydration of Freeze-dried Photosynthetic Membranes by NMR and Adsorption Isotherm"

Karol Jackowski (Warsaw, Poland)

"Multinuclear NMR Studies of Molecules in the Gas Phase"

Andrzej Jasinski (Cracow, Poland)

"MR Investigation of Water Diffusion in Spinal Cord on Humans and Animal Models. An Application to Clinical Diagnostics"

Stefan Jurga (Poznan, Poland)

"NMR Studies of Structure and Dynamics in Self-Organizing Systems"

Joerg Kaerger (Leipzig, Germany)

"Structure-Mobility Correlations in Molecular Diffusion under Confinement"

Jean-Pierre Korb (Saclay, France)

"Surface Relaxation and Dynamics of Liquids in Porous Media"

Olga B. Lapina (Novosibirsk, Russia)

"Application of Modern Solid State NMR to the Study of Oxide Catalysts"

Mariusz Mackowiak (Poznan, Poland)

"Orientation of Tensorial Interactions determined from 2D Exchange and Nutation Exchange NQR / NMR Spectroscopy"

Pascal P. Man (Paris, France)

"Quadrupole Coupling in NMR"

Peter McDonald (Surrey, United Kingdom)

"GARField Magnets: Methods and Applications for Planar Samples"

Dieter Michel (Leipzig, Germany)

"High-Resolution NMR and Cross-Relaxation Studies for Molecules on Surfaces and Interfaces"

Hartwig Peemoeller (Waterloo, Canada)

"Study of Rotating Frame Water ^1H and ^2H Spin Relaxation in a Mesoporous Material"

Charles H. Pennington (Columbus, USA)

"Implementing Lauterbur's "Diffusion Enhancement of Sensitivity and Resolution (DESIRE)" Concept in MR Microscopy"

Marek J. Potrzebowski (Lodz, Poland)

"Hydrogen Bonds, Hydrogen Bridges- New Advances of High Resolution Solid State NMR Spectroscopy"

Joseph D. Puglisi (Stanford, USA)

"NMR and RNA Biology"

Claudia Schmidt (Paderborn, Germany)

"NMR Applications in Rheology"

Angelika Sebald (Exeter, United Kingdom)

"Dipolar (Re)Coupled Systems Composed of Spin-1/2 Isotopes under MAS Conditions"

Wlad T. Sobol (Birmingham, USA)

"Diffusion and Perfusion Phenomena in MRI"

Slawomir Szymanski (Warsaw, Poland)

"The Pauli Principle in NMR. The Dynamics of Strongly Hindered Methyl Groups"

Takehiko Terao (Kyoto, Japan)

"Sensitivity Enhancements by Nuclear Overhauser Polarization and Dynamic Nuclear Polarization"

Jan Wasicki (Poznan, Poland)

"High Pressure NMR Studies of Molecular Dynamics and Phase Transitions"

Moreover there will be two poster sessions and two short oral communications presented by winners of these sessions.

Jerzy S. Blicharski
Chairman

Second Announcement and Call for Papers

International Symposium and Summer School in Saint Petersburg

“Nuclear Magnetic Resonance in Condensed Matter”

1st Meeting “NMR in Heterogeneous Systems”

St. Petersburg, Petrodvorets, Russia, 12 – 16 July 2004



Supported by

Symposium and School are supported by:

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

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Invitation

Saint Petersburg State University begins Annual International Symposium and Summer School “**Nuclear Magnetic Resonance in Condensed Matter**”. The first meeting under the subtitle “**NMR in Heterogeneous Systems**” will be opened on Monday, July 12, 2004 and will be closed on Friday, July 16, 2004. 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 investigation of structure, dynamics and other properties of heterogeneous systems by NMR. The Organising Committee kindly invites you and your colleagues to Saint Petersburg to participate in the International Symposium and Summer School **NMRCM 2004**.

Main topics

- Porous media
- Macromolecules in liquids
- Polyelectrolytes
- Liquid crystals
- Micellar systems
- Solid solutions
- Inhomogeneous magnetic materials
- NMR imaging of materials
- Computer simulations
- Applications

Scientists and students from all countries are invited to present plenary lectures, oral reports and posters. The official languages of the Symposium and School are English (preferential) and Russian. Abstracts, illustrative materials to the oral presentations and posters are to be in English.

Location

NMRCM 2004 will take place at the Petrodvorets Campus of Saint Petersburg State 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 center of St-Petersburg. St-Petersburg is the cultural capital of Russia, world-famous for its architecture, monuments, museums, and art galleries as well as for its theatres and concert halls.

Saint Petersburg can be reached via International airport Pulkovo–II, Domestic airport Pulkovo–I or via Railway Stations “Moskovsky”, “Vitebsky” and “Ladozhsky”. Aeroplane and train schedules are available in the internet. You may also contact the Organising Committee in the case of special questions.

Abstract Submission

You are invited to submit abstracts of your contributions to the Symposium and School. One-page abstracts must be written in English. Please, prepare the abstracts using LaTeX-2_ε (preferential) or MS Word (version 97 or higher) in accordance with the Guidelines for Abstracts which you can find at

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

and send the abstracts before **May 11, 2004** by e-mail as an attachment file to nmrcm@esr.phys.spbu.ru.

The abstracts will be published in an Abstract Book in order to be distributed at the Symposium and School among registered participants on arrival. The form of the presentation (plenary lecture, oral or poster reports) will be selected on the basis of the submitted abstracts taking into account author's request. The list of accepted reports will be available on the Symposium web-site after June 1, 2004. Please, contact the Organising Committee in the case of special questions.

Registration Fee

Active participants	250 Euro
Students	175 Euro
Accompanying persons	125 Euro

The fee includes organisation costs, NMRCM 2004 materials, visa support, welcome-party, and coffee breaks. Payment must be made in Euro or in Roubles (1 Euro \approx 37 Roubles) at the Registration Desk.

Number of participants is limited by 150 persons.

Visa support

Please, fill in an application form on the web-site of the Symposium

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

and send the copy of the first page of your passport (with photo and personal data) in JPEG format by e-mail as an attachment file to nmrcm@esr.phys.spbu.ru before

May 03, 2004.

Attention please! your passport must be valid until February 01, 2005, at least.

Accommodation

Accommodation and meals will be provided at the Saint Petersburg State University Campus in Petrodvorets. Single and double bedrooms are available. The prices are in the range from 1700 roubles to 300 roubles per night without breakfast. Because of "White Night" tourist season we ask the participants to make booking before

June 07, 2004.

Application form for booking will be available on the Symposium web-site after April 19, 2004. **Early booking is strongly recommended.**

Important Dates

May, 03	Deadline for receiving visa applications
May, 11	Deadline for receiving abstracts
June, 01	Third Announcement
June, 15	Programme
July, 11	Arrival

July, 12	Opening, Welcome Party
July, 14	Excursions
July, 15	Symposium Dinner
July, 16	Closing Session
July, 17	Departure

Contact Addresses

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

First Announcement

"Modern Development of Magnetic Resonance" EPR6o

Kazan, Russia, 15 - 20 August 2004

The International Conference "Modern Development of Magnetic Resonance" is organized in the frames of the scientific forum dedicated to the 200th anniversary of the Kazan State University and the 60th anniversary of the discovery of EPR in Kazan.

Scope:

The scientific program of the conference consists of plenary lectures, invited talks, oral presentations and poster sessions covering recent achievements in various fields of paramagnetic resonance, in particular electron paramagnetic resonance, including the development of modern methods and their applications to studying structure and dynamics of condensed matter and applications of radiospectroscopy in chemistry, biology, materials science, etc. Plenary lectures, invited talks, and oral presentations will be presented at poster sessions as well. During registration the participants will be given a book of abstracts in English. Instructions for the preparation of abstracts in a camera-ready form will be given on the website <http://www.kfti.knc.ru/EPR6o>

The scope will cover the following topics:

1. Modern EPR methods (Pulse methods. Time-resolved EPR spectroscopy. High-frequency EPR spectroscopy. Indirect methods of EPR detection).
2. EPR of doped material.
3. Chemical and biological applications of magnetic resonance.
4. Magnetic resonance in geology.
5. Magnetic resonance imaging (Physical basics).

Participants of the conference are invited to submit their full original papers to be published in a special issue of the journal Applied Magnetic Resonance. The papers should be prepared according to Instructions to Authors (<http://www.springer.at/amr>). The papers will undergo a refereeing procedure. Deadline for submission is August 15-20, 2004.

Language:

The official language of the conference will be English.

Registration Fee:

The registration fee is 300 EUR for each participant and 150 EUR for accompanying persons, students and post-graduates. The money may be transferred to the bank account of the Kazan Physical-Technical Institute (KPhTI RAS) (details will be given in the second announcement) or paid during registration.

Important Dates:

Preliminary registration - March 31, 2004

Submission of abstracts (via e-mail) - May 15, 2004

Acceptance of abstracts - May 30, 2004

Hotel reservation - June 30, 2004

Welcome to Kazan - August 15, 2004

Closing of the conference - August 19, 2004

Departure of participants - August 20, 2004

Scientific Secretary

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Registration form

1. Title of the presentation
2. Topic
3. Type of the presentation (oral or poster)
4. Surname, name, middle name
5. sex
6. Title
7. Position
8. Institution
9. Address
10. Phone
11. Fax
12. e-mail
13. Accompanying person(s)

One can register online at <http://www.kfti.knc.ru/EPR6o> or e-mail the registration form to the Scientific Secretary of the conference.

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
NMR in Heterogeneous Systems International Symposium and Summer School	St. Petersburg (Russia)	July 12-16, 2004
Congress AMPERE/EENC The first EENC/AMPERE joint meeting	Lille (France)	September 6-11, 2004
European School on Solid State NMR	Valencia (Spain)	September 13-17, 2004

2005

AMPERE XIII NMR School	Zakopane (Poland)	June 5-10, 2005
8 th International Conference on Magnetic Resonance Microscopy	Kyoto (Japan)	September 4-8, 2005
18 th Colloque International Hertzian Optics and Dielectrics	Tunisia	September 5-7, 2005
4 th Alpine Conference on Solid-State NMR	Chamonix (France)	September 11-15, 2005

2006

Joint NMRDG/AMPERE Meeting	York (U.K.)	July 17 - 21, 2006
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OTHER EVENTS

2004

26 th Finnish NMR Symposium	Hotel Keuruselkä, (Finland)	June 9-11, 2004
17 th Waterloo NMR Summer School	Waterloo, Ontario (Canada)	June 21-26, 2004

46 th Rocky Mountain Conference on Analytical Chemistry	Denver, Colorado, (USA)	August 1-5, 2004
Modern Development of Magnetic Resonance EPR 6o	Kazan (Russia)	August 15-20, 2004
21 st Meeting of the ESMRMB	Copenhagen, (Denmark)	September 9-12, 2004
SMASH 2004	Breckenridge, Colorado, (USA)	September 12-15, 2004
7 th International Workshop on Magnetic Resonance	Rostov-on-Don, (Russia)	September 6-11, 2004
Recent Advances and Applications of Solid-State NMR From Superconducting Physics to Molecular Biology	Warwick University, (U.K.)	September 14-15, 2004
34 th National Congress on Magnetic Resonance	Tramariglio, Alghero, (Italy)	September 21-24, 2004
26 th Annual GDCh Discussion Meeting together with the NMR DG of the RSC & the British Radiofreq. Spectroscopy Group: Novel Applications of Magnetic Resonance to Condensed Matter	RWTH Aachen, (Germany)	September 28-30, 2004
15 th ISMAR Conference	Jacksonville, Florida, (USA)	October 24-28, 2004
43 rd Eastern Analytical Symposium (EAS)	Somerset, New Jersey (USA)	November 8-12, 2004
43 rd 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

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
22 nd 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 th ISMRM Meeting	Barcelona, (Spain)	May 12-18, 2007
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2008

16 th ISMRM Meeting	Toronto, Ontario, (Canada)	May 3-9, 2008
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2009

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