

BULLETIN DU GROUPEMENT

d'informations mutuelles

AMPERE

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

January - April 2001

No. 202

Secretariat and administration:

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

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

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Russian Federation

Application form for AMPERE membership

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

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

Date:.....

Signature:.....

One year membership fee Swiss Francs 35.--

Three years membership fee Swiss Francs 100.--

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MINUTES OF THE MEETING OF THE AMPERE BUREAU

in Zürich, on April 6, 2001

Members Present:

G. Béné, R. Blinc, J. Buzaré, J. Dolinsek, A. Haase, B. Maraviglia, B.H. Meier, H.W. Spiess, J. Stankowski.

Excused:

J. Blicharski, R. Bowtell, L. Emsley, J. Fraissard, St. Jurga, A.F. Martins, R. Kimmich, M. Mehring, G. Papavasiliou, J. Roos, E.R. Andres.

Agenda:

1. Approval of the minutes of the AMPERE Bureau meeting in Zürich, April 7, 2000
2. Report on the state of the AMPERE Society (H. Spiess)
3. Financial Report (B.H. Meier)
4. Discussion:
 - Nomination of future executive officers
 - Collaboration with EENC
5. Final reports past meetings (B.H. Meier)
 - AMPERE VIII NMR School, Zakopane (J. Blicharski)
 - International meeting on the advances in NQR detecting of land mines and explosives (NQR-DLME), Ljubljana (J. Dolinsek)
 - 30th Congress AMPERE on Magnetic Resonance and Related Phenomena Lisbon (A.F. Martins)
 - AMPERE Summer School, Applications of Magnetic Resonance in Novel Materials, Nafplion (G. Papavasiliou)
6. Future meetings:
 - 2001
 - AMPERE IX NMR School, Zakopane (J. Blicharski)
 - IX International Symposium on Magnetic Resonance in Colloid and Interface Sciences, St. Petersburg (J. Fraissard)
 - Specialized Colloque AMPERE 2001, Stuttgart (M. Mehring)
 - 6th International Conference on Magnetic Resonance Microscopy, Nottingham (R. Bowtell)
 - 16th Colloque International Hertzian Optics and Dielectrics OHD'2001, Le Mans (J.Y. Buzaré)
 - 2nd Alpine Conference on Solid State NMR, Chamonix (L. Emsley)
 - 2002
 - AMPERE X NMR School, Zakopane (J. Blicharski)
 - 31st Congress AMPERE, Poznan (St. Jurga, J. Stankowski)
 - 6th International Meeting on Magnetic Resonance in Porous Media, Ulm

(R. Kimmich)

2003

- Specialized Colloque AMPERE 2003, Slovenia (J. Dolinsek)

2004

- 32nd Congress AMPERE, Lille

7. Varia

8. Date next meeting

At 12:45 H. W. Spiess opened the meeting with a minute of silence to commemorate the late Prof. K. Hausser. There will be an obituary for Prof. Hausser in the next Ampere bulletin. The text for the obituary was approved unanimously. There will also be a special session at the Specialized Colloque Ampere 2001 in Stuttgart to commemorate Karl Hausser.

The Agenda was approved unanimously.

Ad 1 The minutes of the AMPERE Bureau meeting in Zürich, April 7, 2000, published in the AMPERE Bulletin 198, were approved unanimously.

Ad 2 H.W. Spiess distributed his report on the state of the Groupement AMPERE, which is given in the appendix to these minutes. There are many planned activities in 2001 and 2002. Important for the future of the society is its renewal and its relationship to other magnetic-resonance societies in Europe (especially EENC). This will be discussed more under topic 4 and will also influence the activities in 2003 and later. Another important point is the state of the Ampere prize. It was generally agreed that the scope of the prize needs to be defined more clearly and that there should be a standing committee which selects the prize winners. The financing of the prize should also come from a more stable and permanent source (industrial corporate sponsors).

The report of the president was accepted unanimously

Ad 3 Beat Meier distributed the financial report which is printed in the appendix to these minutes. The financial situation is currently good. Main income is from the membership fees and the major expenses are for the printing of the AMPERE Bulletin and for the annual Bureau meeting. The current idea is to save enough money so that a fund can be set up to award student travel stipends from the interest. One could then also ask companies to match such travel stipends to increase the available money. The report of the secretary general was accepted unanimously.

Ad 4 **Coordination with EENC:**

H.W. Spiess introduced the topic: The most important issue currently is the further development of magnetic resonance in Europe and the question which role AMPERE will play in it. Currently there are many conferences but there is not enough coordination between them. For

example both the EENC and the Congress AMPERE are biannually but they are both in the same year. The EENC is more oriented towards high-resolution NMR and imaging while AMPERE is more based in physics and EPR but also runs an international conference on spatially-resolved MR. However the fields of high-resolution NMR and solid-state NMR are merging more and more with the use of dipolar couplings in HR NMR and the use of HR methods in solid-state NMR. AMPERE has suggested to the EENC to coordinate the meetings and alternate the EENC and the Congress AMPERE. The EENC will be 2002 in Prag and 2004 in Lille as a joint conference with the Congress AMPERE. The long-term idea is to have better coordination and possibly one large magnetic-resonance conference in Europe each year. The focus of the conference can be somewhat variable: one year more chemistry oriented organized by the EENC and one year more physics oriented organized by AMPERE. This model assumes that EENC and AMPERE remain separate but coordinate their activities.

Some years ago Richard Ernst suggested that the Europeans should concentrate their magnetic-resonance activities in a single society and build up a counterweight to the strong American dominated ENC. Whether this will happen is unclear. The current plan is to coordinate the efforts and organize the meeting in 2004 together. EENC is encouraged to also run a meeting in 2003. Everything past that is open and depends on the further developments.

B. Maraviglia pointed out the problem of having large conferences: they have too many participants and it becomes difficult to meet people. The Congress AMPERE is already quite big and does one really want it to get even bigger. H.W. Spiess replayed that one should not forget the various small meetings which are organized under the auspices of AMPERE which serve exactly this purpose and should definitely go on.

H.W. Spiess summarized the issue once more: Europe needs a single strong MR meeting, the focus of the meeting could change from year to year to cover all of MR. The discussion with EENC is presently underway. The minimum to be aimed for is coordination of the two meetings.

The Bureau supports the plans for a tighter collaboration and further integration of the EENC and the Groupement AMPERE.

New Officers:

Historically (although not officially) the vice president has always been looked at as the future president after the current president resigns. The current vice president, J. Stankowski, made it clear that he does not want to become president because of his age. H.W. Spiess suggested to change the number of officers and have three vice presidents in the future which represent different fields of MR (e.g. spatially-resolved spectroscopy, physics, high-resolution NMR, EPR, ...) so that all groups have a good representation in the Bureau of AMPERE. The president would not necessarily be elected from the vice presidents but he should be familiar

with the operation of the Bureau. The selection of the vice presidents is very important for the development of AMPERE: each of them should be capable to be president and different nationalities should be covered. It is important that the Bureau starts looking for suitable candidates for the vice presidents.

The Bureau formally agreed to the following summary by H.W. Spiess: add multiple vice presidents to the statute which cover different techniques of MR, add representatives of the subdivisions to the statute. B.H. Meier will work out the changes to the statute and prepare a change of the statute for the next general meeting.

Ad 5 Final reports for past meetings (B.H. Meier)

- The final report for the AMPERE VIII summer school in Zakopane was printed in the Bulletin 199. There were about 80 students and the quality of the school was as high as in the years before.

- J. Dolinsek reported about the NQR meeting on the detection of landmines. A detailed report has been printed in the AMPERE Bulletin 200. He reported that there is progress in using NQR to detect land mines but that there are still many open questions and conflicting results which have to be clarified.

- The final report for the 30th Congress AMPERE in Lisbon is currently prepared by A. Martins and will be published in the AMPERE Bulletin when it becomes available. The proceedings are currently being printed.

- J. Dolinsek reported about the summer school in Nafplion. The detailed report can be found in the AMPERE Bulletin 200. About 110 people attended the meeting, many from eastern European countries due to special funds which were available for this group of participants. Focus of the meeting were mostly (simple) applications in industry.

The president thanks the organizers of all the meetings for their work and for the effort in making such meetings possible.

Ad 6. Future meetings:

2001:

- H.W. Spiess reports about the summer school in Zakopane. There are about 80 participants and 32 lecturers. The scope will be again very broad (EPR, NMR, Imaging, liquids, solids, relaxation) and the level will be again quite high as it was in previous years. The Bureau thanked J. Blicharski for the excellent work in organizing this yearly event.

- B. Meier informed about the meeting in St. Petersburg and read a letter from J. Fraissard. The focus is on colloids and interfaces. There is a problem with hotels due to the "white nights" event during the same time. The organization seems to be well underway.

- H.W. Spiess reported about the Specialized Colloquie in Stuttgart. It covers NMR and EPR at high magnetic fields. He read a letter from M. Mehring. The program is very diverse with a lot of well known speakers. The organization of the meeting is well underway.

- B.H. Meier informed about the 6th International Conference on MRM in Nottingham. He read a letter from R. Bowtell. All the invited speakers have been selected and the meeting is well organized. They expect about 200 participants, the conference fee is about 400 GBP. A. Haase mentioned that the conference site in Nottingham is quite nice and that people can stay on site. The down side of this is that the conference fee is quite high because accommodation and food is included which makes it difficult for students to attend. H.W. Spiess mentioned that this is a general problem of University conference sites in the UK.

- J. Buzaré reported about the 16th Colloque of the HOD subgroup. He distributed copies of the minutes of the meeting of the subgroup. The meeting will be held in Le Mans and there are 91 contributed abstracts and 6 invited talks. There will be about 120 participants and the range of topics is very broad. H.W. Spiess suggested that there should be a hardware session on one of the bigger congresses since this topic has been put in the background in recent years. B.H. Meier suggested that the HOD subdivision prepares a report after the congress and a more general report about what the scope of the subdivision is and what the status of the field is so that people get a better impression about these issues. J. Buzaré will prepare these reports after the meeting to be included in the AMPERE Bulletin.

The next meeting of the HOD subgroup will be held in Calais in 2003.

- B.H. Meier reported about the 2nd Alpine conference on solid-state NMR. The organizing committee is unchanged but the scientific committee changes every time. This year it is R. Griffin, B.H. Meier and M. Mehring. All invited speakers are selected and the registration is open. Last time was very successful and the basic mix of the topics will be the same this year.

2002:

- The AMPERE X summer school in Zakopane is being planned and well underway.

- Magnetic Resonance in porous media. The Bureau formally approved that this meeting is run under the auspices of the Groupement AMPERE.

- J. Stankowski reports about the planning of the 31st Congress AMPERE Poznan (also 50 year Groupement AMPERE). There will be two locations. The first day will be in the downtown area (aula) while the rest of the congress will be on the new campus. All accommodations are in the downtown area with shuttle bus service to the new campus. The opening day will mostly be a celebration of 50 years of Groupement AMPERE. There will be an opening ceremony with state and university officials and with the president of AMPERE. Then there will be two scientific sessions with Alex Müller, H.W. Spiess, R.R. Ernst, and R. Blinc. After lunch there will be a session about the history of AMPERE to commemorate Prof. Freyman.

The other scientific talks will be selected by the scientific committee. H.W. Spiess urged the organizer to set up the scientific committee soon

and invite core speakers as soon as possible. He also stressed the importance of keeping a good balance between 'young' and 'old'.

In addition to the normal proceedings there will be a book with information about the AMPERE society containing among other things: a history of the society, information about past and present officers, selected abstracts from past AMPERE meetings, pictures from past meetings (B.H. Meier will print a request for pictures in the next Bulletin). J. Stankowski has started selecting abstracts for the booklet and asked the other present member to send him additional suggestions. A first draft of this booklet was distributed to the participants of the AMPERE Bureau meeting.

2003

- J. Dolinsek distributed a proposal for a specialized Colloque AMPERE to be held in Slovenia. The topic will be NMR and EPR of broad-line solids and will include all techniques to measure broad lines which cannot be measured by normal pulse techniques. This includes a wide range of applications to different materials. It also includes line narrowing techniques and novel detections schemes like SQUID, NQR or atomic force detection.

On the suggestion of H.W. Spiess, the Bureau decided to dedicate this Specialized Colloque AMPERE to the 70th birthday of R. Blinc. The conference will be held in Pirana September 8-12, 2003. There are a broad range of accommodations available and nice places for excursions. The conference fee will be around 250-300 DEM and the organizers expect about 200 participants. B.H. Meier will print the final proposal in the AMPERE Bulletin.

2004

- 32nd Congress AMPERE in Lille, France will be organized by J.P. Amoureux during the first week of September. It will be combined with the ENC. There will be an announcement in the next AMPERE Bulletin.

Ad 7 R. Blinc asked whether there is information about the state of magneticresonance in Russia available to anybody present. Several people said that they would inquire about it. H.W. Spiess mentioned that contacts to Russia and the Ukraine are very weak and should be strengthened and extended.

Ad 8 The next meeting of the AMPERE Bureau will be held in Zurich on Friday, April 5, 2002.

At 16:30 H.W. Spiess closed the meeting and thanked all the president members for their time and effort.

Zürich, 10.4.2001

Matthias Ernst

Groupement AMPERE

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Report on the State of the AMPERE Society, Zürich, April 6, 2001

In the year 2000 the Secretariat of the Groupment AMPERE changed from Prof. Raymond Kind to Prof. Beat Meier as our new Secretary General, and it gives me pleasure to once more thank Raymond Kind for all he did for the Groupement and wish Beat Meier success in the coming year.

As challenges for the future I would like to stress again that we

- encourage young scientists, graduate students, young faculty and scientists in industry to play a much more active role in our group
- co-ordinate our activities with those of others running conferences in magnetic resonance in Europe and world-wide.

Having this in mind, the planned activities for the years 2001, 2002 and beyond that look indeed encouraging.

The conferences for 2001

AMPERE IX NMR School, Zakopane	June 3-8	(J. Blicharski)
IX International Symposium on Magnetic Resonance in Colloid and Interface Sciences, St. Petersburg	June 26-30	(J. Fraissard)
Specialised Colloque AMPERE 2001 on ESR and Solid State NMR in High Magnetic Fields, Stuttgart	July 22-26	(M. Mehring)
6 th International Conference on Magnetic Resonance Microscopy, Nottingham	Sept. 2-5	(R. Bowtell)
16 th Colloque International Hertzian Optics and Dielectrics OHD'2001, Le Mans	Sept. 3-5	(J.Y. Buzaré)
2 nd Alpine Conference on Solid State NMR, Chamonix	Sept. 9-13	(L. Emsley)

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show that we cover the whole range of magnetic resonance techniques, in particular NMR and EPR with emphasis on physics and physical chemistry. Likewise, important applications in fields of current interest in materials science, for instance colloids and interfaces are addressed. Last, but not least, the highly successful "Alpine Conference on Solid State NMR" was conceived and initiated by young faculty.

The year **2002**, the

31 st Congress AMPERE, Poznan	July 14-19	St.Jurga/ J. Stankowski
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will mark the 50th anniversary of our Society and our Polish colleagues are particularly active in preparing for that important event.

The Congress is flanked by

AMPERE X NMR School, Zakopane	June 2-7	(J. Blicharski)
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and the

6 th International Meeting on Magnetic Resonance in Porous Media, Ulm	Sept. 8-12	R. Kimmich
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For the year **2003** a

Specialised Colloque AMPERE is proposed to be held in Slovenia. Other activities coordinated with other societies are currently discussed.

In **2004**, the

32nd Congress AMPERE, Lille, first week of September is planned to be held jointly with the EENC in the spirit mentioned above.

I would like to take this opportunity to thank all the perspective organisers for the work they put into preparing these meetings and wish them all the success they hope for. Our meetings, however, can only be successful, if we attract the best speakers and young participants who spread the word to the new generations.

Hans Wolfgang Spiess

Professor Karl H. Hausser
President Groupement AMPERE 1980 - 1988
† February 11, 2001



Professor Karl Hausser, who served our Society over more than 40 years, passed away February 11, 2001 at the age of 81.

Karl Hausser was a leading figure in our field in Europe and in Germany in particular. Starting as an optical spectroscopist he immediately realised the enormous potential of magnetic resonance for physics, chemistry and biology soon after its discovery. Trained as a physicist he developed remarkable interest and knowledge in chemistry which helped him in his pioneering work in recording high resolution EPR spectra of radicals in solution and in the long lasting projects on photo-excited triplet states in molecular crystals. Moreover, his openness to different fields attracted researchers from all over the world to come to the Max-Planck-Institute in Heidelberg, a "Mecca" of magnetic resonance in the 1970s and 1980s. In fact, his interdisciplinary approach, his international scope, his awareness of the imminent importance of personal relations and fairness in personal matters impressed me most, when I had the privilege to work in his institute in the early 1970s. Needless to emphasise that personal and scientific contacts to Israel were of utmost importance to him.

The Groupement AMPERE was undoubtedly the "primus inter pares" among the many professional societies he was engaged in. Having served in the army during World War II he valued particularly the Groupement's role in assuring continuous interactions with Eastern Europe during the period of the iron curtain. Therefore, I am sure

that he considered serving as chairman of the Congress AMPERE in Heidelberg 1976 and as President of our Society 1980 - 1988 as two of the most important achievements of his scientific life.

We thank him for all he did for us as students, co-workers and colleagues, for advancing the field of magnetic resonance in Europe and for strengthening the Groupement AMPERE.

Hans Wolfgang Spiess

Karl Hausser will be honoured in a session, dedicated to him at the Specialised Colloque AMPERE in Stuttgart, July 22 - 26, 2001

<http://www.physik.uni-stuttgart.de/AMPERE2001>

A full description of Karl Hausser's scientific life is available at:

<http://sun0.mpimf-heidelberg.mpg.de/History/HausserJr.html>

Financial Situation of the Groupement AMPERE

Fortune of the Society per April 1, 2001

Bank Savings Account		CHF	28'510.20	
Bank Current Account			5'984.35	
Bank Savings Account SMR			3'941.--	
360 CS Portfolio Income Account			42'764.--	
			<hr/>	
Total Savings		CHF	81'199.55	
Unpaid Fees 1999	36 x 35.--	+	1'260.--	
Unpaid Fees 2000	56 x 35.--	+	1'960.--	
			<hr/>	
Total unpaid Fees		+	3'220.--	
Prepaid Fees 2001/02	82 x 35.--	-	2'870.--	
			<hr/>	
Effective Fortune April 1, 2001		CHF	81'549.55	

Effective Fortune April 1, 2000: CHF 81'143.70

sig. B.H. Meier

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

**MINUTES OF THE MEETING OF THE HOD EXECUTIVE COMMITTEE
PARIS, MARCH 24 2001**

Members present : G. Alquié, H. Baudrand, J. Billard, J.-Y. Buzaré, J.-C. Carru, J. Chandezon, C. Corvaja, J.-P. Daniel, A. Dégardin, R. Petit, J.-G. Théobald.

Excused : G. Raoult, Y. Servant, J. Chilo

Agenda :

1. Approval of the minutes of the previous meeting of the HOD Executive Committee in Paris on March 2000.
2. Project of HOD association
3. Preparation of the 16th HOD Colloque, Le Mans, 3-5 September 2001.
4. Future meetings.
5. Varia including the date of the next HOD Bureau meeting.

At 9 : 45 H. Baudrand opened the meeting, welcomed all the present members and thank them for electing him as the new president of the HOD bureau.

All the members of the HOD committee wished to express their deep sympathy for the retiring President Pr Y. Servant for his recent sorrow. They wanted to thank him for his action during the years he was at the head of the committee.

Ad 1) The minutes of the previous meeting of the HOD executive Committee in Paris on March 25 200 were approved unanimously.

Ad 2) In order to make easier some financial aspects of the HOD colloque organization, it was decided to get organized in an association according to the French "1901 law". G. Alquié will undertake to take the first steps. The final decision will be taken at the next HOD bureau meeting in Le Mans.

Ad 3) As the head of the local Organizing Committee of the next HOD Colloque to be held in Le Mans, on 3-5 September 2001, J.Y. Buzaré had received 91 abstracts, which were considered by the members of the HOD Committee. Owing to the increasing number of abstracts, it was decided to organize both oral and poster presentations. The oral presentations will be held in two parallel sessions. The poster session will take place on Tuesday 4 afternoon. Finally, 57 of these abstracts were accepted for oral presentation and 32 for poster. They were classified in the following themes :

	Oral	Poster	total
E.P.R.	7	5	12
Dielectrics, Hertzian spectroscopy	8	2	10
Material science	8	4	12
Microwave applications	5	3	8
Antennas	6	2	8
Microwave components	6	3	9
Microwave circuits	6	3	9
Propagation modeling	6	5	11
Diffraction modeling	5	-	5

The list of the invited talks and speakers was also established :

- Bistable E.P.R. and stochastic resonance in solid conductors, by D. Gourier, Paris.
- Study of ionic and electronic transport in solids using broad band (10Hz – 10GHz) dielectric spectroscopy, by J.C. Badot, Paris.
- Transient excitation of permeable bodies : analysis and applications, R. Gomez-Martin, Granada.
- A dielectric and vibrational spectroscopy : Infrared specular reflection, P. Simon, Orléans.
- Acoustic wave propagation modeling in inhomogeneous media, C. Depollier, Le Mans.
- Optic amplifiers, J.C. Simon, Lannion.

Authors will be asked to write the final text of their contribution (up to four pages for a contributed oral or poster paper and up to eight for an invited paper) before June 30, 2001. These final texts will be gathered to form a volume of Proceedings which will be distributed to the participants at the beginning of the Colloque.

The information concerning the Colloque, the final registration form, the amount of the registration fees and the social program can be found on the web site :

<http://pecdc.univ-lemans.fr/ohd2001/>.

Ad 4) Concerning the 17th meeting to be organized in 2003, it is reminded that Prof. J.C. Carru is in charge of the Colloque which will take place at the Université du Littoral Côte d'Opale in Calais.

Ad 5) The next meeting of the HOD executive Committee will take place in Le Mans during and after the dinner of the first day of the 16th HOD Colloque On September 3, 2001 at 20 : 00.

H. Baudrand thanks all the present members and closed the meeting at 0 : 15 p.m.

J.Y. Buzaré

Voevodsky Award 2001

The International Voevodsky Award Committee is delighted to announce that the Voevodsky Awardee 2001 is

Professor Lev A. Blumenfeld, Institute of Biochemical Physics (Moscow)

Prof. L. A. Blumenfeld has pioneered EPR investigation in biological systems (simultaneously with Barry Commoner in USA). He and his colleagues were first in Europe to detect EPR signal in biological samples in middle of 50 th on home-made EPR spectrometer. His conception and application of EPR spectroscopy to study paramagnetic centers in living systems facilitated various fruitful EPR projects carried out under his leadership in the laboratory of Biopolymers of the Institute of Chemical Physics and at Physical Faculty of Moscow State University. Voevodsky Prize is awarded to Prof. L. A. Blumenfeld for his outstanding contributions to investigation of structure and properties of paramagnetic intermediates in biological systems

Chairman of Voevodsky Award Committee
Professor Yu. D. Tsvetkov

AMPERE IX NMR SCHOOL

Zakopane (Poland)

June 3-8, 2001.

List of speakers and lectures:

Marcella Alesiani (Rome, Italy)

"NMR Methods to Study Porous Materials"

Esteban Anoardo (Cordoba, Argentina)

"Nuclear Magnetic Relaxation in the Kilohertz Frequency Band"

Michal Banaszak (Poznan, Poland)

"Computer Simulation of Self-Organization and Diffusion in Polymer Systems"

Bernhard Bluemich (Aachen, Germany)

"Exchange NMR and Moments of the Fictitious Field"

Robert E. Botto (Argonne, USA)

"3D Motif of Alzheimer's Beta Amyloid Fibrils"

Daniel Canet (Nancy, France)

"Carbon-13 Chemical Shift Imaging of Rotating Solids by Radio-frequency Field Gradients. Spin Relaxation Filters"

Andreas Doelle (Aachen, Germany)

"NMR Relaxation Data as a Tool to Study Molecular Structure and Dynamics"

Janez Dolinsek (Ljubljana, Slovenia)

"NMR Studies of Icosahedral Quasicrystals"

Krystyna Dyrek (Cracow, Poland)

"CW EPR - a still Unexplored Tool in Chemistry, Physics and Biology"

Franz Fujara (Darmstadt, Germany)

"Structure-Dynamics Relations in Ice and Ice-like Systems"

Farida Grinberg (Ulm, Germany)

"Correlated Molecular Motions on Uneven Surfaces. NMR Experiments and Computer Simulations"

Franciszek Hennel (Rouffach, France)

"Applications of Functional MRI to Pharmacologic Research"

Stefan Jurga (Poznan, Poland)

"Local and Collective Dynamics Studied by NMR"

Rainer Kimmich (Ulm, Germany)

"Flow, Diffusion, Dispersion, and Thermal Convection in Model Systems for Porous Media"

Jozef Kowalewski (Stockholm, Sweden)

"NMR in Paramagnetic Systems in Solution"

Danuta Kruk (Stockholm, Sweden)

"Translational Diffusion and Paramagnetic Relaxation Enhancement in Solution"

Zdzislaw T. Lalowicz (Cracow, Poland)

"Rotational Dynamics of Ammonium Ion Isotopomers Studied by Deuteron NMR Spectroscopy"

Serge Lacelle (Sherbrooke, Canada)

"Detection of Spin-Gravity Interaction with NMR: Fantasy or Reality?"

Alex MacKay (Vancouver, Canada)

"What can we learn about Tissue from T2 Studies ?"

Dieter Michel (Leipzig, Germany)

"NMR Studies on Porous Media at High Magnetic Fields"

Fanny Milia (Athens, Greece)

"NMR and EPR Studies of TDAE-C₆₀"

Peter G. Morris (Nottingham, UK)

"Functional MRI and MRS"

Gil Navon (Tel Aviv, Israel)

"Double Quantum Filtered NMR as New Method for Imaging Ordered Biological Tissues"

Hartwig Peemoeller (Waterloo, Canada)

"Characterization of Motional Frequencies in a Porous Medium of Single Pore Size observed by NMR Relaxation and Neutron Scattering"

Ingo Schnell (Mainz, Germany)

"Fast MAS and Multiple-Quantum Coherences in Solid-State NMR Spectroscopy of Protons: Investigation of Hydrogen Bonds and pi-pi Interactions"

Joachim Seelig (Basel, Switzerland)

"In Vivo Magnetic Resonance with Rare Nuclei"

Siegfried Stapf (Aachen, Germany)

"Multi-Gradient NMR Experiments as a Tool to determine Correlations of Displacements in Fluid Transport Processes"

Dietmar Stehlik (Berlin, Germany)

"Structure-Function Relations from Magnetic Resonance Studies of Photosynthetic Reaction Centers"

Dieter Suter (Dortmund, Germany)

"Laser-assisted Magnetic Resonance"

Boguslaw Tomanek (Winnipeg, Canada)

"BOLD Effect with Zero Echo Time"

Jadwiga Tritt-Goc (Poznan, Poland)

"NMR Micro-Imaging of Water Diffusion in Polymer"

Shimon Vega (Rehovot, Israel), - 2 lectures:

"Some Progress in Proton NMR of Solids"

"Narrow-band RFDR and Lee-Goldburg CPMAS of Natural Abundant and Enriched C-13 in Tripeptides"

Marija Vilfan (Ljubljana, Slovenia)

"Order Fluctuation in Liquid Crystals as seen by NMR"

Iwona Wawer (Warsaw, Poland)

"C-13 CPMAS NMR Studies of Antioxidants"

Manfred D. Zeidler (Aachen, Germany)

"Guest Motion in Klathrates"

More Information on:
<http://users.uj.edu.pl/~ufjblich/ixnmr.htm>

ISMRCIS-IX



9th INTERNATIONAL SYMPOSIUM ON MAGNETIC
RESONANCE IN COLLOID AND INTERFACE SCIENCE

Specialized Colloque AMPERE
NATO ARW



June 26-30, 2001

St. Petersburg, Russia

INVITATION

SECOND CIRCULAR

Dear colleagues,

We are pleased to invite you to participate the IX International Symposium on Magnetic Resonance in Colloid and Interface Science, that will be held in St. Petersburg (Russia) from June 26 to June 30, 2001, and organized by:

Boreskov Institute of Catalysis (Novosibirsk, Russia)
 Université Pierre et Marie Curie (Paris, France)
 NATO
 Centre National de la Recherche Scientifique (CNRS), France
 Russian Foundation for Basic Research (Moscow, Russia)
 International Association for the Promotion of Cooperation with Scientists from the
 New Independent States
 of the former Soviet Union (INTAS)
 Meriya of St. Petersburg (Russia)
 BRUKER : Bruker Instruments Inc.

INTERNATIONAL ADVISORY COMMITTEE

A.T. Bell (University of California, Berkeley, USA)
 J.S. Blicharski (Jagellonian University, Krakow, Poland)
 C. Dybowski (University of Delaware, Newark, USA)
 H.J. Jakobsen (University of Aarhus, Aarhus, Denmark)
 L. Kevan (University of Houston, Houston, USA)
 B. Lindman (University of Lund, Lund, Sweden)
 Z. Luz (Weizmann Institute of Science, Rehovot, Israel)
 G. Martini (University of Florence, Florence, Italy)
 D. Michel (University of Leipzig, Leipzig, Germany)
 J.B. Nagy (Namur University, Namur, Belgium)
 R.Z. Sagdeev (International Tomography Centre, Novosibirsk, Russia)
 Yuanzhi Xu (Zhejiang University, Hangzhou, China)

ORGANIZING COMMITTEE

Chairmen:

- V.N. Parmon

Boreskov Institute of Catalysis, Novosibirsk, Russia

- J. Fraissard

Université Pierre et Marie Curie, Paris, France

Co-Chairmen:

- O.B.Lapina , A.A.Shubin, G.M.Zhidomirov

Boreskov Institute of Catalysis

Secretary:

- L.Ya. Startseva

Boreskov Institute of Catalysis

V.V. Terskikh - Boreskov Institute of Catalysis

S.S. Ivanchev - St. Petersburg Department

of the Boreskov Institute of Catalysis, St.Petersburg

General Information

SCOPE

The Scientific Program of the Symposium will comprise 16 plenary lectures, 10 keynote lectures, 22 oral communications and almost 80 poster presentations. The scope will cover the following topics:

- *NMR in the adsorbed state*
- *Innovative techniques in NMR and EPR*
- *NMR and EPR applied to microporous compounds and catalysts*
- *EPR in coordination chemistry*
- *NMR in microemulsions*
- *²H NMR in liquid crystals and membranes*
- *Structure and dynamics of polymers*
- *NMR of metal nanoparticles*
- *NMR imaging*
- *Diffusion in heterogeneous systems*
-

LANGUAGE

English will be the official language of the Symposium.

PROCEEDINGS

A Book of Abstracts will be published in English and distributed among the participants at the registration desk. Full texts of plenary, keynote and oral presentations will be published after the Symposium in NATO ASI Series.

SPONSORSHIP & ADVERTISEMENTS

Sponsors are invited in support the Symposium.

Organizations and Institutes participating in the Symposium are kindly invited to put advertisements in the Book of Abstracts. Submission of advertisement pages to the Book of Abstracts - April 1, 2001. Please inform the Organizing Committee if your organization is interested in sponsoring this event or advertisements.

Presentation

The time for a plenary lecture is 45 min, for keynote lecture is 30 min and an oral presentation is 20 min (including discussion). The speakers are invited to participate in panel discussion.

Overhead, 35 mm slide and LCD projectors will be provided. Please, use standard 24x36 mm slides in 50x50 mm frames and no larger than 250x250 mm transparencies. All authors planning to give an electronic presentation on a LCD projector must bring a back-up overhead presentation in case of unforeseen incompatibilities or set-up difficulties with the equipment.

The Organising Committee kindly asks the authors to prepare their posters in advance and bring them to St. Petersburg.

Space for poster is 100 cm width x 100 cm height. Posters should be readable from 2 m distance.

SPECIAL INTAS SESSION

The Special INTAS Session will be organized to discuss the performance of INTAS supported projects. The scientific program of the Special INTAS Session will comprise 10 min. oral presentations (only one representative from each INTAS project) and poster presentations of Russian and foreign scientists concerning the execution of INTAS supported projects, and recommendations of referees.

Working language of the Session will be English.

LOCATION

The Symposium will be held at the St. Petersburg House of Scientists (Dvortsovaya Nab., 26). The House of Scientists is along the Neva and adjacent to the Hermitage.

Registration

Registration will take place at the House of Scientists from 10 a.m. to 6 p.m. on June 25 and from 9 a.m. till 1 p.m. on June 26, 2001.

Registration Fee

The registration fee is USD 350 for each participant and USD 170 for post-graduates and students. The fee covers editorial expenditures, welcome party, 5 lunches, coffee-breaks beverages, local transportation and excursions - the Hermitage, St. Isaac Cathedral.

Registration fee should be transferred in US dollars to the following account

BNP PARIBAS
 Agence 02200 Paris Rive Gauche
 SWIFT: BNPA FR PP PRG
 Account N 000204 45
 In favour of
 Jacques Fraissard
 Laboratoire Chimie des Surfaces
 Universite P. et M. Curie
 4 Place Jussieu 75005 Paris

Exceptionally the registration fees (USD 350 or 170) can also be paid in Russian rubles in cash at the registration desk according to the exchange rate current at the day of transaction.

Excursion and Banquet (June 29) will be paid in Russian rubles at the registration desk (USD 50).

Cash exchange is available in the banks and hotels (one U.S. dollar is equal to 29 rubles on April, 2001). AmEx, Eurocard, Mastercard, Diners Club, Visa credit cards

are generally acceptable. Please note that personal cheques are not accepted.

ACCOMMODATION

The special room prices only for the participants of the Symposium are reserved in the following hotels from 25 June till 1 July (or 3):

HOTELS:

D'ANGLETERRE****

* Single (USD 251)

* Double (USD 287)

MOSCOW***

* Single-renovated (USD 90)

* Double-renovated (USD 115)

* Double-renovated for one person (USD 105)

PULKOVO***

* Single (USD 80)

* Double (USD 88)

OKTYABRSKAYA**

* Single-renovated (USD 48)

* Double-renovated (USD 70)

(price for a room per night, breakfast is included)

SEVERNAYA VERF*

* Single (USD 26)

(without breakfast)

The accommodation payment should be send also to the same account before April 15. Indeed room registration will be cancelled if they are not paid before May 1.

MEALS

Lunches will be arranged at a local restaurant.

Tickets for 5 lunches will be included in the participant package.

CLIMATE

Late June and early July is the time of romantic "White Nights" in St.Petersburg.

Average temperature is 20-25°C. Sometimes it rains - raincoats and umbrellas are recommended.

VISA

To arrange visa formalities in time, please inform us about your family name, first name, passport number, birth date and place, citizenship, affiliation, dates of entrance and departure, itinerary

(Novosibirsk, St.Petersburg - for all participants).

(Novosibirsk is indicated in your route only because the Boreskov Institute of Catalysis is located in Novosibirsk and official invitation will be from Siberian Branch of the Russian Academy of Science. The latter does not mean that you have to visit Novosibirsk in reality).

After receiving these data, we will send you an official invitation that should be presented to Russian Federation consulate as a basis for obtaining the visa.

TRANSPORTATION

St. Petersburg Airport Pulkovo-II is located about 30 km from the city centre. A representative of the Organizing Committee will meet all the participants at the Airport Pulkovo-II (watch for ISMRCIS-IX logo) and provide transportation to the hotels. For this service, we need information, in advance, about your arrival (and departure) date, time, airline and flight number.

TRAVELLING

The Organizing Committee recommends you to use Pulkovo Airlines flights.

KEY DATES

<u>April 15, 2001</u>	-Payment of registration and accommodations fee
<u>May 1, 2001</u>	- Distribution of the Scientific Program
<u>June 25, 2001</u>	- Welcome to St. Petersburg
<u>June 26-30, 2001</u>	- Symposium
<u>July 1-2, 2001</u>	- Post- tour

For all information please contact:

Mrs. Lyudmila Startseva
Secretariat of ISMRCIS-IX
Boreskov Institute of Catalysis
5, Prosp. Akad. Lavrentieva,
Novosibirsk, 630090, Russia
Phone/Fax: +7(3832) 34-12-97
E-mail: star@catalysis.nsk.su

We are looking forward to meeting you in St. Petersburg.

Second Circular and Call for Papers

6th International Conference on Magnetic Resonance Microscopy

"The Heidelberg Conference in the UK"

**2-5 September 2001
Jubilee Campus
University of Nottingham.
UK**



Organised by:
The Spatially Resolved Magnetic Resonance Division
of The Groupment Ampère

Conference Programme:



The scientific conference will begin on the evening of Sunday 2nd September with a reception and end on the evening of Wednesday 5th with the conference dinner. The scientific program will include invited lectures, as well as oral and poster contributions selected from submitted abstracts. Abstracts are invited which report recent advances in both NMR microscopy and EPR techniques for imaging and localised spectroscopy and their application to chemistry, physics, biology, and medicine, as well as to materials and earth sciences. Young scientists are invited to enter a "Young Investigator Award" competition.

Invited Speakers:

A number of distinguished scientists have been invited to present their work at the meeting. Among those who have already accepted are: Prof. L. Gladden, Dr. Oleg Grinberg, Prof. A. Haase; Dr T. Havel, Dr. R. Jacobs; Dr. I. Koptuyug; Dr. M. McCarthy; Dr. A. Webb; and Dr R. Mair.

Educational Programme:

In keeping with previous conferences there will be an educational day on Sunday 2nd September. A range of topics, including "Walks and ambles around k-space", "Contrast mechanisms - extending beyond simple T_1 and T_2 ", "Imaging in inhomogeneous fields", "Coils and gradients", "Signal, data and image processing", "Techniques for hyperpolarised gases", "Biomedical techniques" and "Spatially resolved spectroscopy" will be addressed. The lectures are intended to teach new students in fundamental aspects of MR microscopy as well as tackling emerging topics which would be of interest to regular ICMRM attendees.

Events:



Several conference social events are planned. As you will all be staying at the new Jubilee campus we hope that there will be plenty of opportunity to socialise (there is a bar on-site as well as TV rooms and lounges). To promote further camaraderie we plan evening events such as a barbecue and poster reception. The conference dinner will take place in the Portland Building on the main university campus on Wednesday evening. We also plan an excursion to Nottingham Castle where a tour of the caves under the castle has been arranged. There will then be an opportunity

to visit some of the older pubs in Nottingham.

Young Investigator Awards:

PhD students and those graduating since the last ICMRM meeting in 1999 are eligible for this award. Three award winners will be selected on the basis of their submitted abstracts. Each will be invited to give an oral presentation at the conference and their conference fee will be waived. A panel of judges will select an overall winner, following the presentations. To enter for this award please submit a regular abstract, but include a statement from your supervisor confirming eligibility and indicating your contribution to the presented work.

Abstract Guidelines:

For contributed papers, a one-page (DIN A4) Abstract is required with the following contents: Title (12pt); Authors (Full names, presenting Author in bold face); Affiliations; Text (Introduction or Purpose, Methods, Results, Discussion, Conclusions); References. All text should be 10pt minimum. Please allow 2 cm margins on all sides. Abstracts to be submitted by email attachment in PDF or Word97 format. A paper copy should be sent for reference only.

Dates and Deadlines:

Abstract Deadline:	4th May
Notification of Acceptance of Abstracts:	21st May
Advance Registration deadline: (Please note that an extra fee of GBP 50 will be levied after this date)	7th June
Conference	
Educational Program:	Sunday, September 2nd
Scientific Program:	Monday, September 3rd to Wednesday, September 5th

Costs:

The conference and teaching sessions are available only as an all-inclusive package which includes registration, accommodation (a single room having a bathroom and telephone), all meals and events as shown below.

Scientific Conference		Educational Program	
All inclusive fee from dinner on Sunday 2 nd to breakfast on Thursday 6 th September		All inclusive fee from dinner on Saturday 1 st to start of scientific conference	
Non-Ampere	GBP	Non-Student	GBP 100

Member	400		
Ampere Member	GBP 375	Student	GBP 70
Student	GBP 300	Students should provide a letter from their supervisors confirming their status.	

Please note that an extra fee of GBP 50 will be levied after 7th June 2001.

Registration and Payment details:

See website for details and to download form, or request from local organisers.

Local Organising Committee:

Co-Chairmen: Prof. Peter McDonald (University of Surrey)
 Prof. Richard Bowtell (University of Nottingham)
 Committee: Dr. Paul Glover
 Prof. John Strange
 Prof. Peter Morris
 Dr. Simon Doran
 Dr Walter Köckenberger

Scientific Board:

The Division Committee of the Spatially Resolved Division of the Groupment Ampère

Conference Contact Points:

Website:

www.magres.nottingham.ac.uk/conferences/2001/icrmr

Email (and abstract submission):

ICMRM@magres.nottingham.ac.uk

Address for

Correspondence:

ICMRM 2001
 Magnetic Resonance
 Centre
 University of Nottingham
 NG7 2RD. UK

Telephone: +44 (0) 115
 9514747

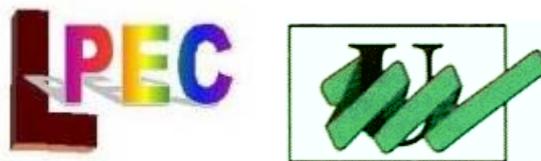
Fax: +44 (0) 115 9515166

16th International Meeting
 Hertzian Optics and Dielectrics
 Groupement AMPERE

OHD
2001
Le Mans

1st HOD meeting of the third millenium!

September 3, 4, 5 2001



Université du Maine, Le Mans

Supported by the following organizations:





SCIENTIFIC PROGRAM

The 16th International Meeting "Hertzian Optics and Dielectrics", sponsored by the Groupement [AMPERE](#), will be held in Le Mans on September 3, 4 and 5th 2001. This meeting organized by the HOD division of the Groupement AMPERE and the Laboratoire de Physique de l'Etat Condensé ([LPEC](#)) of the [University of Maine](#) is dedicated to researchers and engineers of public and private research laboratories who are mainly interested in high frequency electromagnetic waves and their interactions with matter, atoms and molecules. It is also largely concerned with microwave dielectric characterisation, propagation, diffraction and radiation phenomena of electromagnetic wave from the metric to optic range. The contributions will be related to the following topics :

- [Electron Paramagnetic Resonance](#)
- [Dielectrics ; spectroscopies](#)
- [Material science ; Optic](#)
- [Microwaves applications](#)
- [Antennas](#)
- [Microwave components](#)
- [Microwave circuits](#)
- [Propagation modelling](#)
- [Diffraction modelling](#)

The duration of the invited communications will be 30 min. and those of oral communications 15 min. The posters (size : height 1m20, width 1m maximum) will be displayed during the whole duration of the conference. A special session will be devoted to them on tuesday September 4th afternoon.

CONFERENCE PROCEEDINGS

To be published in the conference proceedings and be presented during the conference, the whole text of the communication (maximum 8 pages for invited communications, 4 pages for oral communications and posters) joined to the registration form and payment must be sent by mail before June 30th 2001 to the following address :

UNIVERSITE DU MAINE, U.F.R. Sciences
 Laboratoire de Physique de l'Etat Condensé, UMR CNRS n° 6087
 Colloque OHD 2001,
 Avenue Olivier Messiaen, 72085 LE MANS Cedex 9, France

The final text will be written according to the attached [model](#). Do not forget to underline the name of the author who will present the communication.

For practical reasons, the text of the communication must also be send by e-mail as an attached file in *.RTF format (OHD2001@univ-lemans.fr) for the same date.

DATES, LOCATION AND ADDRESS

The meeting will be held on September 3, 4 and 5th 2001 in the buildings of the " Faculté des Sciences" of Le Mans. Buses allow quick connections with the city. Le Mans is readily reached by train (55 min from Paris by TGV) or car.

Address:

UNIVERSITE DU MAINE, U.F.R. Sciences
 Laboratoire de Physique de l'Etat Condensé, UMR CNRS n° 6087
 Colloque OHD 2001,
 Avenue Olivier Messiaen, 72085 LE MANS Cedex 9, France

Phone : 33 2 43 83 32 55

Fax : 33 2 43 83 35 18

E-mail : ohd2001@univ-lemans.fr

IMPORTANT DEADLINES

Notification of acceptance : April 30th 2001.

Deadline for receipt of communications texts and registration :

June 30th 2001

REGISTRATION FEES

Full registration fees :	1500 FF
Members of the Groupement AMPERE, doctoral and post-doctoral students :	900 FF
accompanying person	400 FF

Conference proceedings, coffee breaks, lunches of the 3 days, gala diner and old city tour included if payment made before June 30th 2001.

INTERNATIONAL COMMITTEE (HOD bureau)

President : H. Baudrand ; Honorary President : G. RAOULT, Y. SERVANT

Members : G. Alquié, J. Billard, J.Y. Buzaré, J.C. Carru, J. Chandezon, J. Chilo, C. Corvaja, J.P. Daniel, A. Dégardin, J.M. Forniés Marquina, R. Petit, J.G. Théobald.

LOCAL ORGANISING COMMITTEE

President : [J.Y. Buzaré](mailto:J.Y.Buzare@univ-lemans.fr)

Members : O. Bohnke, A. Charron, Joël Emery, J.R. Emery, A. Kassiba, C. Legein, G. Silly, M. Tabellout

FORMULAIRE D'INSCRIPTION / *REGISTRATION FORM*M., M^{me}, M^{elle} Nom :
Mr, Mrs, Miss *Name :*Prénom :
*Firstname :*Laboratoire :
*Laboratory :*Organisme :
*Institution :*Adresse :
*Address :*Téléphone/ *Phone :*

Fax :

E-mail :

FRAIS D'INSCRIPTION / *REGISTRATION FEES*

- Avant le 30 juin 2001 / before june 30

Tarif normal / normal rate : 1500F**Tarif réduit / reduced rate :** 900F (Etudiants : joindre une photocopie de la carte d'étudiant ; membres du groupement AMPERE / *students ; AMPERE group members*)

Incluant actes du colloque, pauses café, repas de midi, repas de gala et visite guidée du Vieux Mans.

*Including proceedings, coffee breaks, lunches, gala diner and old city tour.*Personne accompagnante / *accompanying person:* 400F**Incluant repas de midi, repas de gala et visite guidée du Vieux Mans.***Including lunches, gala diner and old city tour.*

- Après le 30 juin / after june 30

Tarif normal / normal rate : 1500F**Tarif réduit / reduced rate :** 900F (Etudiants : joindre une photocopie de la carte d'étudiant ; membres du groupement AMPERE / *students ; AMPERE group members*)

Incluant seulement actes du colloque et pauses café.

*Including only proceedings and coffee breaks.*compléter et retourner par la poste avec le règlement et le texte de votre communication à :
*to be completed and returned with the text of your communication and payment by mail to :***UNIVERSITE DU MAINE, U.F.R. Sciences**

Laboratoire de Physique de l'Etat Condensé, UMR CNRS n° 6087

Colloque OHD 2001,

Avenue Olivier Messiaen, 72085 LE MANS Cedex 9, France

Paiement / Payment :

- **Bon de commande à l'ordre de OHD2001**

ou

- Chèque bancaire ou postal à l'ordre de :
"AGENT COMPTABLE DE L'UNIVERSITE DU MAINE", Colloque OHD 2001

ou

- Par virement au compte ci dessous ouvert au Trésor Public – LE MANS :
"AGENT COMPTABLE DE L'UNIVERSITE DU MAINE"
n°10071-72000-00003000179 52 en précisant Colloque OHD 2001

The 2nd Alpine Conference on Solid-State NMR



A European Conference on Solid-State Nuclear Magnetic Resonance

New Concepts and Applications

Chamonix-Mont Blanc, France, 9-13 September 2001

SECOND ANNOUCEMENT, REGISTRATION FORM AND CALL FOR
PAPERS

REGISTRATION DEADLINE : 31 MAY 2001



ORGANISED 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 the 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.

PROGRAMME

The conference will start at 7pm on Sunday evening the 9th September, and will finish at 12:30 on Thursday 13th

The programme has been chosen by the scientific committee (below) and will consist of plenary lectures and contributed communications, with one special session devoted to young scientists, and two poster sessions.

In addition, a highlight special lecture will be delivered by an outstanding personality from a related field. [Graham Fleming \(Berkeley\)](#) has agreed to give this lecture.

The following speakers have already agreed to participate:

C. Berthier (Grenoble)
 T.A. Cross (Tallahassee)
 M. Hong (Ames)
 M.H. Levitt (Stockholm)
 A.E. McDermott (Columbia)
 C.P. Slichter (Urbana)
 H.W. Spiess (Mainz)
 R. Tycko (Bethesda)
 S. Vega (Rehovot)
 J. Wrachtrup (Stuttgart)

The detailed program will not be available before the conference starts but a list of speakers and titles will be available from July onwards.

REGISTRATION

Participation at the conference will be strictly limited to around 200. A number of student bursaries are available (see below). **The deadline for registration is the 31 May 2001. Register early to guarantee your place at the conference. There will be no on-site registration..**

VENUE AND ACCOMODATION

All conference activities will take place in 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](#) in the french alps. 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 centre. The Albert Ier is an elegant and charming four star hotel 10 minutes walk from the conference centre. The Park Hotel Suisse is a comfortable recent three star hotel next to the conference centre. The Morgane and Aiglons are modern three star hotels with many facilities (swimming pool, fitness centre) located a little further (5 minutes walk) from the conference centre. We have negotiated the following prices for these hotels: (Hotel tariffs include breakfast. All prices are per person per night based on double occupancy for twin rooms)

Albert Ier *****: single 950 FF/night, twin 500 FF/night

Park Hotel Suisse *** / Morgane *** / Aiglons *** : single 425 FF/night, twin 285 FF/night
 For hotel reservation a one night deposit for your stay is required.

The conference fee includes registration costs as well as all lunches and dinners from Monday through Wednesday, including a banquet on Wednesday. There will be a welcome reception on Sunday night. Dinners will be taken together in local restaurants.

CANCELLATION

No refunds will be provided for cancellation after the 31 July 2001. For written requests for cancellation post-marked before this date, 500 FF will be deducted to cover the cost of handling and processing.

ABSTRACT SUBMISSION

Participants are strongly encouraged to submit abstracts, which will be considered by the scientific committee as poster or as oral contributions. We require electronic submission of abstracts.. **The deadline for abstract submission is the 31 May 2001.**

STUDENT STIPENDS

A limited number of student stipends are available. If you would like to apply for a stipend, enclose four copies of the following: 1. the completed registration form, 2. a printout of the abstract for which you are the presenting author, 3. a letter of recommendation from your supervisor, 4. a current student identification. Send to: Alpine Conference Secretariat, Laboratoire STIM, Ecole Normale Supérieure de Lyon, 46 allée d'Italie, 69 364 Lyon, France. **The deadline for application for a student stipend is the 30 April 2001.**

BUSES TO CHAMONIX

There will be buses from Geneva airport at the following times. The buses will cost 50 FF each way, payable to us at the conference upon arrival. **In order to guarantee your place on a bus, please email us to reserve. We cannot guarantee that there will be a place on the bus for you if you have not reserved.**

SATURDAY 8th September: 7pm GENEVA AIRPORT.

The bus driver will have an "Alpine Conference" sign, and he will wait in front the "Accueil France" counter of the international section of the airport.

SUNDAY 9th September: 4:30pm GENEVA AIRPORT

The bus driver will have an "Alpine Conference" sign, and he will wait in front the "Accueil France" counter of the international section of the airport.

NOTE: If you are arriving at the **Geneva central train station**, there are many trains that run between the central train station and the airport train station. In fact most inter city trains stop at both stations, and you should therefore plan to travel to the airport train station.

INTERNATIONAL PROGRAMME COMMITTEE

[R. G. Griffin \(Cambridge MA\), Chairman](#)

[M. Mehring \(Stuttgart\)](#)

[B. H. Meier \(Zurich\)](#)

ORGANISING COMMITTEE

[L. Emsley \(Lyon\)](#)

[S. Caldarelli \(Villeurbanne\)](#)

[A. Lesage \(Lyon\)](#)

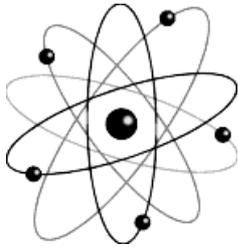
[M. Bardet \(Grenoble\)](#)

ADDRESS FOR CORRESPONDENCE

Alpine Conference Secretariat
Laboratoire STIM
Ecole Normale Supérieure de Lyon
46, Allée d'Italie
69364 Lyon cedex 7, France

IF YOU HAVE ANY QUESTIONS REGARDING THE CONFERENCE, SEND US EMAIL





31ST WORLD CONGRESS AMPERE

Poznań, Poland July 14-19, 2002
50TH Anniversary of the Groupement
AMPERE

Invitation:

The Ampere Group (Groupement AMPERE) was established in France, in 1952, with a view to providing different European Laboratories with exact information exchange and research coordination. The original motto (proposed by Prof. René Freyman) for this new Society was, in fact, based on three ideas: "Se connaitre, S`entendre, S`entraider" (mutual knowledge, understanding and cooperation). Today the name and the traditions of the Groupement Ampere are a guarantee of high scientific standard of its organized activities.

It is widely known that the Group plays quite a relevant role in keeping efficient exchange of scientific ideas and human resources between western and eastern countries.

The Congress will be held in Poznań, Poland, on July 14-19, 2002. The organizing committee cordially invites you to participate in this Congress.

Conference Secretariat/Inquiries:

Adam Mickiewicz University
ul.. Zwierzyniecka 7, 60-813 Poznań, Poland
Phone: 00 48 61 829 2495, 00 48 61 829 2496
Fax : 00 48 61 829 2428
E-Mail: radomski@amu.edu.pl
janas@amu.edu.pl

Organizers:**Organising Committee:**

STEFAN JURGA

Rector, Poznań University

Programme Committee:

JAN STANKOWSKI

Polish Academy of Sciences

Editorial Committee:

NARCYZ PIŚLEWSKI

Director, Institute of Molecular Physics

Conference Secretariat/Inquiries:

JACEK RADOMSKI

Conference Manager

Anniversary Committee:

BRUNO MARAVIGLIA	-	Former President of AMPERE
HANS W. SPIESS	-	President Vice-president
JAN STANKOWSKI	-	Editor of 50-year AMPERE book
ROBERT BLINC	-	Former President
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ANDREW GEORGE BENE	-	Former General Secretary
RAYMOND KIND	-	Former General Secretary
HENRYK SZYMCZAK	-	Polish Academy of Sciences
STEFAN JURGA	-	Rector Adam Mickiewicz University
NARCYZ PIŚLEWSKI	-	Director Institute of Molecular Physics PAS

An outline of the conference:

The program will consist of oral presentations, to be followed by discussions and poster sessions. The list of *Key speakers* as well as details of the Congress will be sent along with the second announcement.

English will be the official language of the Congress. Conference proceedings will be published

Pre-registration:

To obtain further information please complete the pre-registration form, available in .rtf format and return it before October 1, 2000. Pre-registration by e-mail will be accepted and welcome.

Payment:

The Congress membership fee is 300 euro and it should be transferred before April 15, 2002. Bank transfer confirmation should be shown to the organizers at the Congress reception. Payment after April 15, 2002 will incur a 50 euro surcharge.

Deadlines:

Please, note the following deadlines !

Preliminary registration: October 1, 2000

Submission of abstracts: March 1, 2002

A second circular with detailed information regarding abstracts, conference fees, accommodation, social events and the spouse program will be sent to those who return the attached pre-registration form.

Specialized Colloque AMPERE 2003

NMR and EPR of Broad-Line Solids

Dedicated to Professor Robert Blinc on the occasion of his 70th birthday

Bernardin, Portorož, Slovenia, September 8 – 12, 2003

Preliminary announcement

Scope of the Conference:

The program of the conference is intended to cover solid-state NMR and EPR spectroscopy of solid materials with extremely broad resonance lines, which in many cases cannot be measured by conventional pulsed techniques. Instead, one has to apply field-sweep and frequency-sweep techniques, either in a CW mode or in a step-by-step pulsed mode. In addition, line-narrowing techniques to reduce broad spectra shall be included. The program will focus on the following topics:

- ◆ field-sweep and frequency-sweep NMR, NQR and EPR techniques, either in CW mode or in combination with pulse techniques
- ◆ line-narrowing techniques
- ◆ ferro- and antiferromagnetic resonances in magnetic materials, nanomagnets, colossal-magnetoresistance systems
- ◆ magnetic resonances in electronic conductors, metals, semiconductors, charge-density waves, spin-density waves, superconductors
- ◆ magnetic resonance in quasicrystals
- ◆ magnetic resonance in spin glasses, proton glasses, polymer glasses, orientational glasses
- ◆ relaxor systems
- ◆ detection of broad lines by novel techniques like SQUID-detection and Atomic-Force-Microscope detection
- ◆ 2D NMR and EPR techniques on very broad lines

Organizer:

Jozef Stefan Institute

Janez Dolinšek (Chairman) and the members of the magnetic resonance group

Date:

From Monday, September 8, to Friday, September 12, 2003. Participants are expected to arrive on Sunday, September 7, and attend the get-together party in the evening.

Location:

The Conference shall take place in Bernardin close to Portorož in the Convention Center of Grand Hotel Emona. Bernardin is located at the Adriatic Sea between the villages of Portorož and Piran. Hotel Emona is located at the seacoast, so swimming during lunch break is possible. The weather at the beginning of September at the Slovenian coast is usually nice, air temperatures about 25 C and sea temperature normally above 20 C.

Program of lectures and conference fees:

Invited lectures of 40 min duration, contributed talks of 20 min (or 30 min) and posters are planned. The Organizing Committee shall try to organize a low-cost conference with reasonably low conference fees, but on the "everybody-pay" basis (including invited speakers). Student- and AMPERE-member fees shall be reduced.

First circular shall be launched at the beginning of year 2002 and a Web page shall be created. Till then use the following **contact address**:

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FUTURE CONFERENCES

AMPERE EVENTS

[AMPERE IX NMR School](#), Zakopane (Poland),
June 3-8, 2001.

[IX International Symposium on Magnetic Resonance
in Colloid and Interface Sciences](#), St. Petersburg (Russia),
June 26-30, 2001.

[Specialized Colloque AMPERE 2001
ESR and Solid State NMR in High Magnetic Fields](#), Stuttgart (Germany),
July 22-26, 2001.

[6th International Conference on Magnetic Resonance Microscopy \(ICMRM\)](#),
Nottingham (U.K.)
September 2-5, 2001.

[16th Colloque International Hertzian Optics and Dielectrics OHD'2001](#)
Le Mans (France),
September 3-5, 2001.

[2nd Alpine Conference on Solid State NMR](#), Chamonix-Mont Blanc (France),
September 9-13, 2001.

[AMPERE X NMR School](#), Zakopane (Poland),
June 2-7, 2002.

[31st Congress AMPERE](#), Poznan (Poland),
July 14-19, 2002.

[6th International Meeting on Magnetic Resonance in Porous Media](#),
Ulm (Germany),
September 8-12, 2002.

OTHER EVENTS

[2001 Symposium](#) of the Danish Instrument Center for NMR Spectroscopy
of Biological Macromolecules, Carlsberg Laboratory, Valby (Denmark)
May 18, 2001.

[9th Chianti Workshop on Magnetic Resonance
Nuclear and Electron Relaxation](#), San Miniato, Pisa (Italy),
May 27-31, 2001.

[Gordon Research Conference on Magnetic Resonance](#),
Bristol, Rhode Island (USA),
June 17-22, 2001.
For information contact Robert Tycko (301-402-8272).

[4th International Discussion Meeting on
Relaxations in Complex Systems](#), Heraklion, Crete (Greece),

June 18-26, 2001.

[15th International RSC Meeting on NMR Spectroscopy](#),
Durham (U.K.),
July 8-12, 2001.

[43rd Rocky Mountain Conference on Analytical Chemistry](#), Denver, Colorado (USA),
July 29 - Aug. 2, 2001

[Varian/Chemagnetics Annual Workshop on
Solid State NMR](#), Estes Park, Colorado (USA),
August 3-4, 2001.

[14th ISMAR Meeting](#) (30th Anniversary of the ISMAR),
Rhodes, Rhodes Island (Greece),
August 19-24, 2001.

[222nd ACS National Meeting](#) Chicago, Illinois (USA),
August 26-30, 2001.

[SMASH 2001 \(Small Molecules Are Still Hot\)](#), Breckenridge, Colorado (USA),
September 23-26, 2001.

[Gesellschaft Deutscher Chemiker \(GDCh\), Jahrestagung](#), Würzburg (Germany),
September 23-29, 2001.

[223rd ACS National Meeting](#), Orlando, Florida (USA),
April 7-11, 2002.

[10th ISMRM Meeting](#), Honolulu, Hawaii (USA),
May 18-24, 2002.

[16th European Experimental NMR Conference \(EENC\)](#),
Prague (Czech Republic),
June 9-14, 2002.

[224th ACS National Meeting](#), Boston, Massachusetts (USA),
August 18-22, 2002.

[20th ICMRBS](#), Toronto, Ontario (Canada),
40 years of ICMRBS
August 25-30, 2002.

[6th International Meeting on Magnetic Resonance in Porous Media \(MRPM6\)](#),
Ulm (Germany),
September 8-12, 2002.

[11th ISMRM Meeting](#), Toronto, Ontario (Canada),
May 10-16, 2003.

[12th ISMRM Meeting](#), Kyoto (Japan),
May 15-21, 2004.

50 years AMPERE

Request for historical photographs

In 2002, AMPERE will celebrate its 50'th anniversary at the Poznan Meeting. In addition to the conference proceedings, the AMPERE society plans to produce a booklet giving a historical overview. In this context, I ask all members who have interesting photographs to make them available. Please send (JPEG or GIF) files to: ***ampere@nmr.phys.chem.ethz.ch***