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# BULLETIN DU GROUPEMENT

**d'informations mutuelles**

# AMPERE

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

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No. 230

*Secretariat:* ETH Zürich, Laboratory of Physical Chemistry  
c/o Prof. B.H. Meier

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

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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.

Online registration under: <http://www.ampere.ethz.ch>

<b>Family Name</b>		
<b>First Name</b>		
<b>Student</b>	<input type="checkbox"/> yes	Reduction of 50 % of membership fees Age limit 30 years
<b>Title</b>		
<b>Institute/ Department</b>		
<b>University/ Organisation</b>		
<b>Street</b>		
<b>ZIP Code before</b>		
<b>Town, ev. State</b>		
<b>ZIP Code after</b>		
<b>Country</b>		
<b>Telephone</b>		
<b>Telefax</b>		
<b>E-Mail</b>		

Date:.....

Signature:.....

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

## Editorial

Dear AMPERE colleagues,

today I want to invite you to become active contributors to this Bulletin. If you have news on our field to share, have found a new good book, or a conference that is probably of interest for our members, just write me a mail to [ampere@nmr.phys.chem.ethz.ch](mailto:ampere@nmr.phys.chem.ethz.ch). Although e-mail announcements may be a more fashionable and certainly very useful way of spreading news, it is sometimes quite handy to have the news printed. Printed paper, in particular a periodical, is often found more easily than this e-mail from three months ago.

As you can see in the Minutes of the last Bureau meeting on April 4<sup>th</sup> in Zurich (p. 4 - 7), it is planned to limit the time AMPERE members can serve as members of the committee to two periods of four years each. Of course such a change has to be discussed and approved and we shall not do this in a hurry. There will also be a transition period.

This issue also contains an obituary for Dietmar Stehlik (p.9), who unexpectedly passed away last summer. He was a committee member of Groupement AMPERE. Klaus Möbius, his long-time colleague from Berlin, has written an account of his scientific life.

In the section on Future Conferences (p.10) you now find the preliminary date for the EUROMAR 2009 in Göteborg, July 5<sup>th</sup>-10<sup>th</sup>. Please reserve these days. I am looking forward to meet you during this year's EUROMAR next month in St. Petersburg.



Gunnar Jeschke

# MINUTES OF THE MEETING OF THE AMPERE BUREAU

in Zürich, on April 4, 2008

## Members Present:

B. Meier, D. Goldfarb, G. Jeschke, J. Dolinsek, P. Fantazzini, M. Ernst

## Excused:

S. Jurga, J. Y. Buzare, P. Mc Donald, B. Maraviglia, R. Blinc, B. Blümich, V. I. Chizhik, S. Caldarelli, G. Bodenhausen, M. Pons, H. W. Spiess, O. Lapina, E. Goovaerts

## Agenda:

1. Approval of the minutes of the AMPERE Bureau meeting in Zürich, March 31, 2007.
2. Report on the state of the AMPERE Society (B. H. Meier).
3. Financial Report (G. Jeschke).
4. EUROMAR Division and finances.
5. Report on Andrew prize 2008 (G. Jeschke).
6. Final reports past meetings (G. Jeschke)
  - European School on Solid-State NMR, Safed
  - AMPERE NMR School Bukowina Tartzanska
7. Future meetings (G. Jeschke)
  - AMPERE NMR school Wirzba, June 24-30 2008
  - EUROMAR 2008 St. Petersburg, July 6-11 2008
  - 9th international conference on MR in porous media (MRPM9), Cambridge, MA, July 13-17 2008
  - COST P15 EPR school, St. Andrews, UK, August 22-September 1 2008.
  - 10th international conference on MR microscopy, West Yellowstone, MT, USA, August 20-September 3 2008.
8. Varia
9. Date next meeting

At 13:00 hours B. Meier opened the meeting. The agenda was approved unanimously.

- Ad 1. The minutes of the AMPERE Bureau meeting in Zürich, March 30, 2007, published in the AMPERE Bulletin 226, were approved with a correction unanimously. The official name of the European EPR society is “European federation of EPR groups”.
- Ad 2. B. Meier delivered his report on the state of the Groupement AMPERE, which is given in the appendix to these minutes. He noted that the EUROMAR conferences have become one of the main events in the field of magnetic resonance in Europe. Through the support of the ESF (EMAR program) a tighter integration of national MR societies has started. An important point for the next year will be a better coordination of schools and workshops through a dedicated web page. The MR mailing list operated by Dror Warszawski is now officially the AMPERE MR mailing list. He also gave notice of the passing away of Dietmar Stehlik on August 8th, 2007.
- Ad 3. G. Jeschke distributed a short overview (see appendix) over the finances of the Groupement AMPERE. The finances are good and the Andrew prize money has been converted into CHF. A complete report of the finances will be presented in St. Petersburg at the AMPERE committee meeting.
- Ad 4. J. Dolinsek reported about the finances of the EUROMAR division. There are currently about 20000.- CHF and 18000.- E available. From EMAR there will be E 51000.- provided for the conference in St. Petersburg which will mainly be used on student travel grants and some other general expenses. Olga Lapina has asked AMPERE to help with the administration of the EMAR grant. AMPERE will set up an account in Switzerland which can be used to distribute the EMAR grant. Olga Lapina will be directly responsible to the ESF and the AMPERE society will only give administrative support. The program is organized and the visa process is underway. Gunnar Jeschke will check with the Russel Varian prize committee who this years prize winner is.
- Ad 5 Gunnar Jeschke reported on the Andrew prize 2008. There were about 10 applications which were all very good. The announcement on the AMPERE MR mailing list gave the best response and it is planned to announce the prize again through this channel. It was proposed to change the regulations such that the contributions should be “in general in English” to make exceptions possible. This years prize was awarded to Boaz Shapira from the group of Lucio Frydman.

Ad 6. The reports for the past meetings were accepted. The AMPERE bureau thanks all the scientific and local organizers for their time and effort.

Ad 7. Planned meetings for 2008-2010

- AMPERE NMR school Wierzba, June 24-30 2008
- EUROMAR 2008 St. Petersburg, July 6-11 2008
- 9th international conference on MR in porous media (MRPM9), Cambridge, MA, July 13-17 2008  
P. Fantazzini gave a detailed report about this conference. It started in 1990 and will be organized in 2008 by Martin Hurlimann and Yi-Qiao Song from Schlumberger at the research center of Schlumberger in Cambridge, AM, USA. There will be about 200 participants and the conference proceedings will be published. AMPERE membership is included in the conference fee and current members get a discount. It would be good if other conferences could adopt a similar scheme.
- COST P15 EPR school, St. Andrews, UK, August 22-September 1 2008.
- Advanced solid-state NMR training course 2008, Sandbjerg Estate, Denmark, June 2 - 6, 2008
- 10th international conference on MR microscopy, West Yellowstone, USA, August 30 - September 3 2008
- The 6th Alpine conference on solid-state NMR, Chamonix-Mont Blanc, France, September 13 - 17 2009
- EUROMAR 2009, Göteborg, Sweden, July 5-10 2009.
- EFEPR Antwerp, Belgium, September 7-11 2009
- EUROMAR 2010 jointly with the 17th ISMAR conference, Florence, Italy (international), July 4-9 2010.

Ad 8. Varia

ICMRBS: Lucia Banci is the next president of ICMRBS. They are thinking about their position in the MR world. One option would be a closer collaboration with AMPERE to obtain a legal structure. AMPERE is open to such a solution which has to be discussed in detail. ICMRBS has to discuss the options first internally in San Diego.

Relationship to national MR societies: There was a first meeting in Tarragona with the representatives of the national societies. Such a meeting will again be organized for St. Petersburg. The idea is to coordinate the activities better and to provide a platform for the exchange of ideas.

Ad 8. AMPERE committee: Inactive members will be identified and contacted and asked to resign such that new active members can be added. It was suggested to introduce a time limit of 4+4 years for the AMPERE committee. This idea will be discussed in St. Petersburg such that it can be implemented at the general assembly in two years if it is approved by the members.

SMRM division: The SMRM division would like to have their own web pages. This can be realized on the web server of the AMPERE group which is operated by ETH.

Ad 9. The next meetings of the AMPERE Bureau will be on July 7 2008 in St. Petersburg and April 17 2009 in Zurich.

At 16:00 hours B.H. Meier closed the meeting and thanked all the present members for their time and effort.

Zürich, 4.4.2008

Matthias Ernst

## Financial Situation of the Groupement AMPERE

Fortune of the Society per April 1, 2008 (without unpaid and prepaid fees)

<b>Accounts in CHF</b>			
Bank Savings Account		30'064.75	
Bank Current Account		8'612.00	
Bank Savings Account SMRM		17'665.40	
Bank Savings Account EUROMAR		20'034.65	
Bank Current Account EUROMAR		29.870.02	(€18'092.08)
Security Depot (CS Portfolio Fund)		40'388.40	
Savings Account Andrew		29'078.45	
Security Depot Andrew (CS Portfolio Fund)		80'546.40	
<hr/>			
Total Savings			CHF 256'260.07
Unpaid Fees 2006	CHF	1'627.50	
Unpaid Fees 2007	CHF	2'537.50	
<hr/>			
Total unpaid Fees			+ 4'165.00
Prepaid Fees 2008			- 1'977.50
Prepaid Fees 2009			-
612.50			
<hr/>			
<b>Effective Fortune April 1, 2008</b>			<b>CHF 257'835.07</b>
Effective Fortune March 29, 2007			(CHF 142'576.55)

<b>Account in US\$</b>		
<b>Effective Fortune April 1, 2008</b>	<b>US\$</b>	<b>0</b>
Effective Fortune March 29, 2007	(US\$	87'098.38)
(transferred to savings account/security depot Andrew)	(CHF	99'384.33)

<b>Total Fortune</b>		
<b>Total Effective Fortune April 1, 2008</b>	<b>CHF</b>	<b>257'835.07</b>
Total Effective Fortune March 29, 2007	CHF	241'960.88

sig. G. Jeschke

## Obituary for Dietmar Stehlik

For those who knew Dietmar Stehlik it is still inconceivable: On August 8, 2007 Dietmar Stehlik passed away, because of a sudden cardiac arrest, at the age of only 68. His colleagues of the international magnetic resonance community grieve for him, they have lost an outstanding scientist and admirable human being.

Throughout Dietmar Stehlik's scientific activities there were two main subjects: The interactions of electron and nuclear spins in magnetic fields and the interactions of light with organic molecules, both in molecular crystals and photosynthetic proteins. In 1962 he started his undergraduate work on spin echo phenomena in the group of Karl Hausser at the Max-Planck-Institute for Medical Research in Heidelberg. After his diploma degree he continued to work on coherent spin physics in the Hausser group and received his PhD in 1966. From 1967-1969 he was a post-doc in Erwin Hahn's group at Berkeley. After returning to Heidelberg, he invented methods to generate optical nuclear spin polarization in organic molecular crystals. With this work he habilitated in 1975.

In 1976 he accepted an offer for a professorship at the Physics Department of the Free University Berlin. In the new environment he gradually shifted his scientific interest to biophysics. He focussed on the primary processes of photosynthesis, both in bacteria and plants, taking advantage of his expertise in spin physics. He applied time-resolved EPR methods on delicate protein preparations he had obtained from cooperation partners around the globe. His enthusiasm in doing research stimulated generations of students and visiting scientists to work with him on transient donor-acceptor radical pairs and on the concept of spin dynamics.

In all the years in Berlin, Dietmar Stehlik was strongly involved in creating and cultivating interdisciplinary research on primary photo-processes in proteins. Scientific face-to-face cooperations with physicists, chemists and biologists were Dietmar Stehlik's key strategy for scientific success, personal delight and satisfaction.

Extremely important for Dietmar Stehlik were international cooperations, most of all with scientists from the US, Israel and Russia. What started as scientific cooperation often turned into personal friendship, and mutual visits over weeks, sometimes months, were like heaven on earth for him. Just to mention a few long-term visitors representative for many more: Ken Sauer and Mel Klein from Berkeley, John Golbeck from Penn State, Haim Levanon from Jerusalem, Kev Salikhov, first from Novosibirsk, later from Kazan.

Dietmar Stehlik never accepted political barriers, such as the Iron Curtain or the Berlin Wall, to impede scientific contacts and personal friendships. He always was creative in tunnelling such barriers, very much to the delight of his cooperation partners and friends on the other side. Together with them we are now in mourning for Dietmar Stehlik.

Klaus Möbius  
(15.04.2008)

## FUTURE CONFERENCES

### AMPERE EVENTS

#### 2008

<a href="#">Advanced Solid-State NMR Training Course 2008</a>	Sandbjerg Estate, (Denmark)	<b>June 2-6, 2008</b>
<a href="#">AMPERE NMR School</a>	Poznan/ Wierzba, (Poland)	<b>June 19-28, 2008</b>
<a href="#">EUROMAR Congress 2008</a>	St. Petersburg, (Russia)	<b>July 6-11, 2008</b>
<a href="#">9<sup>th</sup> International Bologna Conference on Magnetic Resonance in Porous Media (MRPM9)</a>	Boston, (USA)	<b>July 13-17, 2008</b>

#### 2009

EUROMAR Congress 2009	Göteborg, (Sweden)	<b>July 5-10, 2009</b>
10th International Conference on Magnetic Resonance Microscopy	West Yellowstone, Montana, (USA)	<b>August 30-September 3, 2009</b>
7th EFEPR conference 2009	Antwerp, (Belgium)	<b>September 7-11, 2009</b>

### OTHER EVENTS

#### 2008

<a href="#">16<sup>th</sup> ISMRM Meeting</a>	Toronto, Ontario, (Canada)	<b>May 3-9, 2008</b>
<a href="#">23<sup>rd</sup> ICMRBS</a>	San Diego, California (USA)	<b>August 24 - 29, 2008</b>

#### 2009

<a href="#">17<sup>th</sup> ISMRM Meeting</a>	Honolulu, Hawai'i, (USA)	<b>April 18-24, 2009</b>
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#### 2010

<a href="#">18<sup>th</sup> ISMRM Meeting</a>	Stockholm, (Sweden)	<b>May 1-7, 2010</b>
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#### 2011

<a href="#">19<sup>th</sup> ISMRM Meeting</a>	Montréal, Québec, (Canada)	<b>May 7-13, 2011</b>
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