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## **BULLETIN DU GROUPEMENT**

**d'informations mutuelles**

# **AMPERE**

SE CONNAÎTRE, S'ENTENDRE, S'ENTRAIDER

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If you would like to become a member of the AMPERE Group, you can register online under: **[www.ampere.ethz.ch](http://www.ampere.ethz.ch)**

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## Editorial

Dear Ampere Colleagues,

2012 is an active year for the Groupement d'informations mutuelles AMPERE. The AMPERE Society is the umbrella organization for a wide variety of activities in magnetic resonance in Europe. Five conferences were organized under this umbrella in 2012 so far. These are the Ampere Summer School in Poznań (24 - 30 June 2012 by Stefan Jurga), the 11<sup>th</sup> International Conference on Magnetic Resonance in Food in Wageningen (June 26 - 29 June 2012 by Henk van As), the EUROAMR 2012 in Dublin (29 June - 1 July 2012 by Chandralal Hewage) together with the satellite meeting on Spin Hyperpolarization in NMR and MRI (27 - 29 June 2012 by Thomas Meersmann and Galina Pavlovskaya), the 9<sup>th</sup> International Symposium and Summer School in NMR in Heterogeneous Systems: Nuclear Magnetic Resonance in Condensed Matter 2012 in St. Petersburg (9 - 13 July 2012 by V.I. Chizhik), and the 11<sup>th</sup> International Bologna Conference on Magnetic Resonance in Porous Media in Guildford (9 - 13 September 2012 by Peter McDonald). Reports of some of these conferences in this Bulletin give evidence of a very active, lively, and diverse science community, which is united by its interests in radio-frequency spectroscopy, magnetic resonance, and related phenomena.

In fact, the statutes of the AMPERE Society state that the purpose of the association is to contribute to the progress of Radio Spectroscopy, Magnetic Resonance and Related Phenomena by means of Congresses and specialized „Colloques“, symposia, summer institutes, schools and workshops, by means of a bulletin acting as a link between the members, and by means of prizes that honor outstanding contributions to the progress of the fields covered by the purpose of the association. This years Ampere Prize was awarded to Prof. Lyndon Emsley, École Normale Supérieure de Lyon and Université de Lyon at the EUROMAR conference in Dublin for his seminal contributions to high-resolution solid-state NMR for structure determination in solids, decoupling schemes as well as DNP-MAS NMR applications to surfaces, catalysis and porous materials. Congratulations to Lyndon Emsley!

The Groupement AMPERE was established in 1952 in France by Prof. René Freymann with the purpose of informing, coordinating, and helping the scientists in different European laboratories in the difficult economical and political conditions of the cold war at that time. He summarized his vision for the society with the words „Se Connaître, S'Entendre, S'Entraider“ (to get to know each other, to listen to each other, to aid one another) for

all those who engage in the study of Atomes et Molécules Par Études Radio-Electriques, which makes up the acronym AMPERE.

Our society has a proud and outstanding tradition, and it is kept alive through the manifold of its activities. I am grateful for the work of all those members of the AMPERE society and the Bureau AMPERE who successfully maneuvered our community through high and low tides. We are thanking our past Chair Prof. Beat Meier and our past Vice President Prof. Stefan Jurga for their work over the past years and welcome the team elected for the Bureau Ampere this past July in Dublin, in particular the vice presidents Prof. Janez Dolinsek and Dr. Anja Böckmann. It is our goal to maintain and expand the services of the AMPERE Society for the community engaged in Magnetic Resonance and Related Phenomena in Europe and to increase its visibility through its activities.

We are looking forward to an exciting future. AMPERE keeps you updated with this Bulletin and on its homepage at <http://www.ampere.ethz.ch>



Bernhard Blümich  
President of the Groupement AMPERE

## **Report of the President on the Status of the Groupement AMPERE**

This is my final report as a President of AMPERE. AMPERE is financially and scientifically in a good situation. After the turbulent times with the formation of the EUROMAR division, we are in a consolidation phase. The EUROMAR meeting and the other meetings under the auspices of the Groupement AMPERE develop well, although we should encourage that more specialized Colloques AMPERE are organized.

It is important to cultivate integration and communication between the different subdivisions. AMPERE (**A**tomes et **M**olécules **P**ar **E**tudes **R**adio-**E**lectriques) is an European organization representing all researchers. It has an independent democratic organization (with over 460 members) and is not connected to financial interests. In contrast to the many alliances hammered out to ensure transnational funding, AMPERE has long time goals and is open to everybody interested in Magnetic Resonance and related phenomena.

It was a pleasure to represent AMPERE in the past few years and I wish AMPERE all the best for the future.

Dublin – July 2, 2012

Beat Meier

Past President of AMPERE

## **Minutes of the meeting of the AMPERE Bureau**

in Dublin, on July 3, 2012

Members Present: B. Meier, G. Jeschke, J. Dolinsek, M. Pons, S. Stapf, S. Jurga, H.-W. Spiess, L. Frydman, M. Ernst

Excused: G. Smith, J. van Duynhoven, B. Balcom, J.-I. Buzaré

Agenda:

1. Approval of the minutes of the AMPERE Bureau meeting in Zurich, March 30, 2012.
2. Report on the state of the AMPERE Society (B. H. Meier).
3. Financial Report (G. Jeschke).
4. Preparation of Committee and the General Assembly (G. Jeschke).
5. DNP Subdivision (G. Jeschke).
6. Varia
7. Date of next meeting

At 13:00 hours G. Jeschke opened the meeting. The agenda was approved unanimously.

Ad 1.

The minutes of the AMPERE Bureau meeting in Zurich, March 30, 2012, published in the AMPERE Bulletin 246, were approved unanimously.

Ad 2.

B. Meier delivered his report on the state of the Groupement AMPERE which is given on page 3. He noted that the society is in good shape with the EUROMAR conference working very well and now being in a consolidation phase. A point we have to work on in the future is the communication and the scientific exchange between the subdivisions especially those that do not participate in the EUROMAR. Another point that should be strengthened is the tradition of having Specialized Colloque AMPERE meetings which have not happened during the past few years. AMPERE has currently about 400 members and is the only democratic and financially independent magnetic resonance group in Europe. He thanked all the people for the good collaboration during his time as president.

Ad 3.

G. Jeschke distributed a short overview (see page 10) over the finances of the Groupement AMPERE. The finances are solid and have increased slightly.

The financial report was accepted unanimously.

Ad 4.

The AMPERE Bureau discussed the upcoming personnel changes in the Bureau and the Prize Committee. Beat Meier will step down as president after three periods in office. This has been a tradition at the AMPERE society although it is not required by the statutes. In addition Stefan Jurga will also step down as a vice president. The Bureau suggests two candidates for the office of the President of the AMPERE society to the Committee that elect the Bureau. All other officers are willing to run for another election period. There is also a suggestion for a second vice president. Hans-Wolfgang Spiess decided to step down as the President of the Prize Committee. He suggested to follow the tradition and to suggest the election of B. Meier as the new president of the Prize Committee to the AMPERE Committee. This suggestion was approved unanimously. The AMPERE Bureau will also suggest to the AMPERE Committee the election of Stefan Jurga and Hans-Wolfgang Spiess as honorary members of the Bureau for a four year term.

Ad 5.

The AMPERE Bureau discussed establishing a DNP subdivision. In the discussion it became clear that there is no obvious representative and there is no obvious organization that could elect a representative. The Bureau asks the DNP community to organize itself and form a body that represents the whole DNP community. It was also suggested that one of the upcoming DNP symposia could be in the framework of a Specialized Colloque AMPERE.

Ad 6.

Varia: G. Jeschke thanked all the outgoing members of the Bureau for their work and effort in the past years.

Ad 7.

The next meeting of the AMPERE Bureau will be on March 22, 2013 in Zurich. It was suggested to set up a video conferencing facility for members that are not able to travel to Zurich in person.

At 13:50 hours G. Jeschke closed the meeting and thanked all the present members for their time and effort.

Dublin, 3.7.2012

Matthias Ernst

## **Minutes of the meeting of the AMPERE Committee**

in Dublin, Ireland, on July 3, 2012

Members Present: B. Meier, J. Dolinsek, S. Jurga, G. Jeschke, M. Ernst, S. Stapf, L. Frydman, H. W. Spiess, M. Blackledge, S. Caldarelli, C. Griesinger, G. Papavassiliou, J. Spevacek, S. Van Doorslaer  
Excused: G. Bodenhausen, J.-I. Buzaré, P. Carretta, D. Goldfarb, A. Gräslund, J. Jeener, J. Jokisaari, W. Lubitz, P. Morris, D. Suter, J. van Duynhoven

Agenda:

1. Approval of the Agenda
2. Approval of the minutes of the AMPERE Committee meeting in Florence, July 7<sup>th</sup>, 2010
3. Report of the president on the state of the AMPERE Society (B. Meier)
4. Financial report of the secretary general (G. Jeschke)
5. Elections of executive officers and honorary members of the Bureau
6. Elections of the Prize Committee for the AMPERE and Raymond Andrew Prizes
7. Election of new AMPERE Committee members and honorary members
8. Varia

At 19:05 hours B. Meier opened the meeting.

Ad 1.

The agenda was approved unanimously.

Ad 2.

The minutes of the AMPERE Committee meeting in Florence, July 7<sup>th</sup>, 2010, published in the AMPERE Bulletin 239/240, were approved unanimously.

Ad 3.

B. Meier delivered his report on the state of the Groupement AMPERE which is given on page 3. He noted that the society is in good shape with the EUROMAR conference working very well and now being in a consolidation phase. A point we have to work on in the future is the communication and the scientific exchange between the subdivisions especially those that do not participate in the EUROMAR. Another point that should be strengthened is the tradition of having Specialized Colloque AMPERE meetings which have not happened during the past few years.



AMPERE has currently about 400 members and is the only democratic and financially independent magnetic resonance group in Europe. He thanked all the people for the good collaboration during his time as president.

Ad 4.

G. Jeschke gave an overview (see page 10) over the finances of the Groupement AMPERE. The finances are good. The financial report has to be approved by the general assembly. The AMPERE Committee accepted the report and the work of the whole Bureau during the past two years unanimously.

Ad 5.

In accordance with the tradition of the Groupement AMPERE, Prof. Beat Meier decided to step down as president of the Groupement AMPERE after six years in office. The AMPERE Bureau had proposed two candidates and the AMPERE Committee elected Prof. Bernhard Blümich (Aachen) as the new president. The AMPERE Bureau proposes the reelection of all other Bureau members in their current offices and the election of Anja Böckmann (Lyon) as a second Vice President instead of Stefan Jurga who decided to step down as Vice President of AMPERE. The AMPERE Committee followed the recommendation of the Bureau and all proposed members of the Bureau were elected in a secret ballot. The AMPERE Bureau proposed the election of Stefan Jurga and Hans-Wolfgang Spiess as honorary members of the AMPERE Bureau for a four year term. The AMPERE Committee approved this proposal by acclamation.

Ad 6.

Prof. H. W. Spiess decided to step down as the chair of the Prize Committee. The president thanked all the members for their work. The AMPERE Bureau suggested the past president Prof. B. Meier as the new chair of the Prize Committee. The AMPERE Committee followed the recommendation of the Bureau and elected the new chair of the Prize Committee by acclamation.

Ad 7.

There were no proposals for new Committee members. The Committee discussed that the retirement of Committee members that are no longer active in the NMR community should be accelerated. In agreement with the statute changes approved last year, all new members are elected for a six year term with potential reelection for a second term.

Ad 8.

Varia: Hans-Wolfgang Spiess informed about his current visit of Eunice Andrew where he had thanked her for her generous donation for the Andrew Prize. Stefan Jurga thanked the people in the Committee and Bureau for the many years of good collaboration.

Gunnar Jeschke thanked Beat Meier, Stefan Jurga and Hans-Wolfgang Spiess for the work and effort they had put into the AMPERE society in their various offices.

At 19:55 hours G. Jeschke closed the meeting and thanked all the present Committee members for their time and effort.

Dublin, 3.7.2010

Matthias Ernst

# **Minutes of the General Assembly of the Groupement AMPERE**

on July 4<sup>th</sup>, 2012 in Dublin, Ireland

Agenda:

1. Financial report of the secretary general (G. Jeschke)
2. Information about the election of the AMPERE Bureau.
3. Information on the new Prize Committee
4. Varia

At 19:00 hours G. Jeschke opened the meeting.

Ad 1.

G. Jeschke explained the finances of the Groupement AMPERE (page 10). The assembly approved the financial report unanimously.

Ad 2.

The General Assembly was informed about the election of the AMPERE Bureau by the AMPERE Committee. New President is Bernhard Blümich with the two Vice Presidents Anja Böckmann (Lyon) and Janez Dolinsek (Ljubljana). Secretary General is Gunnar Jeschke (Zürich) and Executive Secretary Matthias Ernst (Zürich). Stefan Jurga and Hans-Wolfgang Spiess were elected as honorary members of the AMPERE Bureau for the duration of four years.

Ad 3.

The General Assembly was informed about the election of Beat Meier as the new chair of the AMPERE Prize Committee by the AMPERE Committee. G. Jeschke thanked the whole Prize Committee (D. Goldfarb, M. Smith, R. Kaptein) and especially the former chair Hans-Wolfgang Spiess for all their work and effort.

Ad 4.

There were no points discussed under varia.

At 19:20 hours G. Jeschke closed the meeting and thanked all the present AMPERE members for their time and effort.

Dublin, 4.7.2010

Matthias Ernst

# Financial Situation of the Groupement AMPERE

## Balance of the Accounts of the Groupement Ampere

Periode from July 1<sup>th</sup> 2010 to June 15<sup>th</sup> 2012

	Debit	Credit	Assets
<b>Total fortune July 1<sup>th</sup> 2010</b>			<b>234'350.61</b>
<b>Membership Fees</b>		11'528.31	
<b>Conferences and Prizes</b>			
Conferences / Ampere Student Grant	7'034.05		
Prizes	11'418.30		
Travel and Hotel expenses Awardee	6'443.35		
Conferences		23'893.30	
<b>Administration</b>			
Ampere Bulletin (print costs)	3'593.30		
Bureau Meetings Zurich	1'496.80		
miscellaneous charges	51.90		
<b>Bank</b>			
Interests (Deposits / Coupons)		2'032.35	
Interests (Accounts)		920.55	
Handling costs (Deposits, Bank)	741.25		
withholding tax refund		768.11	
reimbursement Florence (double payment)		187.45	
<b>Losses</b>			
by sale of security deposit	2898.00		
on security deposit ANDREW	4327.75		
<b>Total CHF</b>	<b>38'004.70</b>	<b>39'330.07</b>	
<b>Balance on July 1<sup>th</sup> 2010</b>			<b>234'350.61</b>
Total Debits	38'004.70		
Total Credits		39'330.07	
<b>Balance on June 15<sup>th</sup> 2012</b>			<b>235'675.98</b>

## **Report on the AMPERE NMR SCHOOL 2012 POZNAŃ, POLAND**

The AMPERE Nuclear Magnetic Resonance School was organized by the Department of Macromolecular Physics of the Institute of Physics, Adam Mickiewicz University under the auspices of the GROUPEMENT AMPERE and with the financial support of SoftComp Programme and ESMI Project from 24<sup>th</sup> June to 30<sup>th</sup> June 2012 in Poznań, Poland.

The School was the forum for presentation of the basic and advanced NMR techniques, recent research, unconstrained discussions and initiating of common studies and cooperation between the scientists as well as was nine sessions of spectroscopy-microscopy practical trainings in the hi-tech NanoBioMedical Center.

The programme of the School covered the following topics: NMR relaxometry, NMR diffusometry, NMR spectroscopy and solid-state spectroscopy, NMR of quadrupolar nuclei, MRI and MRS, Novel NMR techniques, NMR and related techniques used in nanoscience.

There were given 27 lectures presented by distinguished scientists from Germany, Canada, Russia, Netherlands, Slovenia, France, United Kingdom, Switzerland, Israel and Poland. During the first and second day of the Conference participants presented 41 posters. All the winners were given prizes and diplomas.

Ampere NMR Summer School 2012 also provided three days of practical workshop session concerning nuclear magnetic resonance spectroscopy as well as several different microscopy techniques. All sessions took place in NanoBioMedical Center laboratories which are equipped with unique research facilities. Participants had an opportunity to develop their experience in a following fields: Biological NMR, Magnetic Resonance Imaging, Diffusion NMR, Atomic Force Microscopy, Confocal Microscopy, Transmission Electron Microscopy, Scanning Electron Microscopy and Ultra-High Vacuum Tunneling Microscopy.

All abstracts of oral presentations, lectures and posters were published as printed proceedings (AMPERE NMR BOOK OF ABSTRACTS).

# Report on the International Symposium and Summer School in Saint Petersburg

## **"Nuclear Magnetic Resonance in Condensed Matter" (NMRCM 2012)**

9<sup>th</sup> Meeting: "NMR in Heterogeneous Systems"

The Department of Quantum Magnetic Phenomena of the Saint-Petersburg University continues a series of annual International Symposia and Summer Schools in Saint Petersburg "Nuclear Magnetic Resonance in Condensed Matter" (an AMPERE event). The 9<sup>th</sup> Meeting under the subtitle "NMR in Heterogeneous Systems" was opened on Monday, July 09, and was closed on Friday, July 13, 2012. The goal of the meeting is to provide a platform to scientists and students for the use of all aspects of nuclear magnetic resonance methods and techniques as well as computational and theoretical approaches for the investigation of structure, dynamics and other properties of heterogeneous systems.

The Meeting was attended by 124 participants from 14 countries (Belarus, England, France, Germany, India, Italy, Lithuania, Moldova, Poland, Russia, Sweden, Turkey, Ukraine, USA).

There were 11 lectures, presented by following speakers:

V. Balevicius (Vilnius, Lithuania)  
E.V. Charnaya (Saint Petersburg, Russia)  
S. V. Dvinskikh (Stockholm, Sweden)  
J. Fraissard (Paris, France)  
H. Haranczyk (Cracow, Poland)  
U. Eichhoff (Rheinstetten, Germany)  
S. Jurga (Poznan, Poland)  
O. B. Lapina (Novosibirsk, Russia)  
G.V. Mozzhukhin (Istanbul, Turkey)  
N.R. Skrynnikov (Purdue, USA)  
P.M. Tolstoy (Saint Petersburg, Russia)

Moreover, there were 28 contributed talks (20-30') and 69 poster presentations. The organizers published the Book of Abstracts.

Barbara and Uwe Eichhoff (Germany) instituted a prize (300+200 Euro) for the best oral and poster reports of students, post-graduated students or young scientists without Ph.D. under 35. The prizes and proper diploma were awarded by the Organizing Committee to Jan-Patrick Melchior (Stuttgart, Germany) and Svetlana Pylaeva (Saint Petersburg, Russia).

NMRCM 2011 took place at the Petrodvorets Campus of Saint Petersburg State University. Petrodvorets (the satellite-town of Saint Petersburg) is famous for its parks with fountains and palaces. The social program consisted of two excursions (in Pavlovsk and Saint Petersburg), a welcome-party, and a conference dinner.

The information (including abstracts and photographs) on the NMRCM 2011 is available at: <http://nmr.phys.spbu.ru/>

The NMRCM 2011 was supported by  
Saint-Petersburg University  
Russian Foundation for Basic Research  
Bruker  
"Dynasty" Foundation (Russia)

The next 10<sup>th</sup> Meeting "NMR in Life Sciences" will be: 8-12 July, 2013, the Petrodvorets Campus of Saint Petersburg State University.



**NMRCM 2012**



## **Report on the MRFFOOD2012 in Wageningen**

### **11th International Conference on the Applications of Magnetic in Food Science (MRFOOD2012)**

Scientific Advisory Board:

Peter Belton, Graham Webb, Jean-Pierre Renou, Marit Aursand, Søren Balling Engelsen, Francesco Capozzi, John van Duynhoven, Manfred Spraul

Local Organizing Committee:

Kees de Graaf, Marco Hoeksma, Jacques Vervoort Henk Van As, Adrian Voda, Doris Jacobs, John van Duynhoven, Netty Hoefakker (secretary)

The 11<sup>th</sup> International Conference on the Applications of Magnetic Resonance in Food Science (MRFOOD) was held between 26-29 June 2012 and hosted by Wageningen University. The MRFOOD conferences have a long tradition in presenting the latest innovations in magnetic resonance and in particular new applications to understanding the functionality of foods, their processing and stability and their impact on health, perception and behaviour. For the first time this conference was operating as a sub-division of the Groupement AMPERE. The 11<sup>th</sup> edition of this scientific event attracted 120 participants from 22 countries from Europe, Asia, Oceania, and the Americas. The conference was preceded by an afternoon of workshops dedicated to technical aspects of NMR data processing and analysis. Two sessions in the scientific programme were dedicated to Structure & Function, emphasizing respectively applications of spectroscopy/relaxometry and imaging/diffusometry. Within the sessions of Quality & Safety and FoodOmics applications of high-resolution NMR spectroscopy were presented, both in liquid as well as semi-solid states. For the first time the conference programme had a dedicated session on Perception and Behaviour, demonstrating the progress that has been made in applications of functional MRI in this field. The programme included 4 keynote speakers, 10 invited speakers and 19 oral presentations selected from submitted abstracts. The conference is indebted to Yi-Qiao Song (Schlumberger-Doll), Dominique Rolin (University of Bordeaux), Dana Small (Yale University) and Elaine Holmes (Imperial College, London) for providing excellent keynote presentations. The poster session comprised 37 presentations, of which 6 were selected for short plenary oral presentation. Two students were awarded with a prize for the quality of their posters.

Selected oral and poster contributions will be published in the conference proceedings. These will be issued by the Royal Society of Chemistry as a hardcover book. These proceedings have gained popularity as training material for young scientists entering the field of applied magnetic resonance in food science.

This conference received generous support from Bruker, Unilever, DSM, Buchem, Isolife, Wageningen University, the VLAG Graduate School, Oxford Instruments, Anaspec Solutions, Euriso-Top and the Netherlands Metabolomics Centre. Without these sponsors this conference would not have been able to offer such an attractive programme.

The 12<sup>th</sup> edition of this conference will be held in early summer 2014 in Cesena (Italy) and will be organized by Francesco Capozzi (Chair - University of Bologna), Claudio Luchinat (University of Florence) and Luisa Mannina (University of Rome „La Sapienza“). In this conference we expect to see many new developments in the applications of magnetic resonance in food science, and to welcome (even) more participants. The Scientific Advisory Board will be complemented with Gisela Guthausen (Karlsruhe Institute of Technology, Germany) and Antonio Ferreira (University of Sao Carlos, Brazil).

## **Report on the COST EuroHyperPol Meeting in Dublin**

### **1<sup>st</sup> Meeting of the COST Action TD1103 European Network for Spin Hyperpolarization Physics and Methodology in NMR and MRI (EuroHyperPol)**

This satellite meeting to the Euromar 2012 was organised by the COST (European Cooperation in Science and Technology) Network EuroHyperpol.

The objective of the network is to establish contacts between all research groups working in the field of spin hyperpolarisation in European and associated countries and to provide a forum for scientific exchange and collaboration in this rapidly emerging research area. The network funds workshops and summer schools to provide training for PhD students and postdoctoral fellows. It also provides financial support for visits (short term scientific missions) between different research groups within the network. The network is organised in five working groups that focus on i) hardware, ii) theory, iii) spin relaxation, iv) acquisition strategies and v) the synthetic chemistry physics interface. All hyperpolarisation techniques (optical pumping, dynamic nuclear polarisation, chemical induced dynamic nuclear polarisation, parahydrogen induced polarisation etc.) are included.

More details about the network are provided on the website: [www.eurohyperpol.eu](http://www.eurohyperpol.eu). Information about joining the network, contact details of the working group leaders and the guidelines for the scientific mission program can be found on these webpages.

The meeting in Dublin took place from Friday 29<sup>th</sup> June to Sunday 1<sup>st</sup> July. It followed directly the XeMAT 2012 (organised by T. Meersmann and G. Pavlovskaya, Nottingham, UK) and finished just before the start of the Euromar. 143 participants registered for the COST network meeting. However, since arrangements were made to accommodate also on-staying participants of the XeMAT workshop and early arriving participants of the Euromar, the lecture theatre was frequently filled with an estimated 200 attendees.

The program was organised in three parts. On Friday afternoon and Saturday morning 30 min presentations of invited experts were given to provide introductions and the state-of-the-art updates for the various hyperpolarisation techniques. On Saturday afternoon the five working groups met in separate venues for focused discussions and further more topical presentations.

On Sunday the conclusions of these discussions were summaries by five working group leaders with additional talks provided by world-leading experts on spin hyperpolarisation.

In total 21 invited experts provide 30 min. talks working in all fields related to spin hyperpolarisation, including theory, hardware, spin relaxation, acquisition strategies and synthetic chemistry. Topics also ranged from developmental work to applications in diagnostic medicine.

The full list of speakers included:

G. Bodenhausen, Lausanne/Paris, Switzerland/France

E. Chekmenev, Vanderbilt, USA

R. Green, York, UK

J. Matysik, Leiden, The Netherlands

J. Wild, Sheffield, UK

S. Appelt, Aachen, Germany

K. Mok, Dublin, Ireland

B. Corzilius, Boston, USA

Y. Crémillieux, Bordeaux, France

J. van Bentum, Nijmegen, The Netherlands

G. de Paepe, Grenoble, France

W.S. Warren, Durham, USA

C. Glaubitz, Frankfurt, Germany

P. Tordo, Marseille, France

K. Ivanov, Novosibirsk, Russia

R.G. Griffin, Boston, USA

P.J. Nacher, Paris, France

L. Frydman, Rehovot, Israel

P. Berthault, Saclay, France

S. Vega, Rehovot, Israel

J.H. Ardenkjaer-Larsen, Copenhagen, Denmark

The meeting program was compiled by the leaders of the five working groups:

J.-P. Ansermet, Lausanne, Switzerland

P.-J. Nacher, Paris, France

S. Vega, Rehovot, Israel

M. Ernst, Zürich, Switzerland

H.-M. Vieth, Berlin, Germany

L. Frydman, Rehovot, Israel

J. Wild, Sheffield, UK

P. Berthault, Saclay, France

S. Sigurdson, Iceland

and the chair of the action, W. Köckenberger, Nottingham, UK.

The local organisation of the meeting was taken care of by K. Mok and C. Hewage (both Dublin).

The COST network EuroHyperPol provided travel reimbursements and covered the accommodation for all invited speakers and, additionally, for a substantial number of participants including 33 early stage researchers at the PhD or postdoctoral level. A social evening with Irish music sponsored by industrial partners was very well received. Because of the high participation and the generally perceived success of this workshop it was decided by the EuroHyperPol network management to organise a similar event in conjunction with the Euromar 2013 conference in Crete, Greece.

## **Executive Officers and Honorary Members of the AMPERE Bureau**

The AMPERE BUREAU includes the executive officers (which take the responsibility and the representation of the Groupement between the meeting of the committee), the honorary members of the Bureau and the organizers of forthcoming meetings.

### **Executive Officers 2009 - 2012**

President	B. Blümich
Vice Presidents	J. Dolinsek A. Böckmann
Secretary General	G. Jeschke
Executive Secretary	M. Ernst
EF-EPR Representative	G. Smith
SRMR Representative	B. Balcom
MRPM Representative	C. Arns
EUROMAR Representative	L. Frydman
EUROMAR Treasurer	M. Pons
Past President	B.H. Meier
Honorary Member	St. Jurga
Honorary Member	H.W. Spiess

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## Future conferences Ampere events

### 2013

EUROMAR 2013	Hersonissos, Crete (Greece)	June 30-July 5 2013
ICMRM 12	Cambridge (UK)	August 25-29 2013
4 <sup>th</sup> International DNP Symposium	Copenhagen (Denmark)	August 28-31 2013

### 2014

MRPM 12	Wellington (New Zealand)	February 9-13 2014
EUROMAR 2014	Zurich (Switzerland)	June 29-July 3 2014

### Other events

5 <sup>th</sup> Asia-Pacific NMR Symposium (APNMR5) and 9 <sup>th</sup> ANZMAG Meeting	Brisbane, QLD (Australia)	October 27-30 2013
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