

Vorstand

Der neu gewählte Vorstand (s. MARS 22/2008) hat am 1. Januar 2009 die Geschäfte übernommen und in seiner ersten Sitzung Herrn Dr. Haupt als Vorsitzenden und Herrn Prof. Prisner als Stellvertreter gewählt.

Den ausgeschiedenen Vorstandsmitgliedern sowie dem bisherigen Vorsitzenden wurde nochmals ausdrücklich für die von ihnen geleistete Arbeit gedankt.

U. Bechler

Festkolloquium (& MDR-XXIII)

An unserem Institut sind zwei Arbeitsgruppen eng mit der NMR verbunden: die Fachgruppe Biophysik (Jochen Balbach) nutzt die hochauflösende Flüssigkeits-NMR zur Untersuchung von Biomolekülen in Lösung und die Fachgruppe NMR-Spektroskopie (Kay Saalwächter) untersucht vor allem polymere Festkörper mit Hoch- und Niederfeld-NMR. Im Sommer 2008 wurde dazu ein neues Laborgebäude auf dem Campus Heide-Süd bezogen, welches neben einer NMR-Halle für die Hochfeldgeräte auch Büros und Laborräume für beide Gruppen zur Verfügung stellt. Insgesamt wurden Magnetfelder von 3,06 GHz installiert.

Im Rahmen des 23. Mitteldeutschen Resonanztreffens (MDR-XXIII) laden wir am, den 6. April ab 13:00 zu einer wissenschaftlichen Festveranstaltung ein, an welche sich ein Empfang mit Dinner-Buffett anschließt. Als Vortragende haben freundlicherweise zugesagt: Tony Keller (BRUKER), Hans Wolfgang Spiess (Mainz), Daniel Huster (Leipzig), Michael Sattler (München), Jürgen Senker (Bayreuth) und Stefan Berger (Leipzig).

Wir möchten alle Interessenten zu dieser Veranstaltung einladen! Details finden sich im Faltblatt im Anhang. Wir bitten bis 27.3. um Anmeldung an marion.lamm@physik.uni-halle.de.

Jochen Balbach & Kay Saalwächter

Glückwunsch

Einer der prestigeträchtigen

"ERC Advanced Investigator Grants"

des Europäischen Forschungsrat (ERC - European Research Council) der Europäischen Kommission geht nach Göttingen.



Prof. Christian Griesinger vom Max-Planck-Institut für biophysikalische Chemie, langjähriges Mitglied der Fachgruppe und früherer Vorsitzender, erhält 2,2 Millionen € für die Entwicklung innovativer NMR-Techniken, ein Preisgeld in der Summe vergleichbar etwa dem renommierten Leibniz-Preis der Deutschen Forschungsgemeinschaft.

"Advanced Investigator Grants" – sind sozusagen die Königsdisziplin für etablierte Forscher, die bereits herausragende Leistungen im Hinblick auf Originalität und Bedeutung ihrer Forschungsergebnisse vorweisen können. Alleiniges Auswahlkriterium des Pro-

grammes sind die wissenschaftliche Exzellenz der Antragsteller und der Projektvorschläge.

Im Zentrum des Interesses steht die Beweglichkeit von Proteinen in ihrer physiologischen Umgebung. Bisher konnten Proteinbewegungen mit Zeitdauern von länger als 100 Mikrosekunden bis hin zu 10 Millisekunden untersucht werden. Ob auch Proteinbewegungen und biochemische Prozesse in dem bisher nicht mit atomarer Auflösung beobachtbaren Bereich zwischen Nanosekunden (milliardstel Sekunden) und Mikrosekunden ablaufen, war bisher wissenschaftliches Neuland. Inzwischen wurde ein Verfahren entwickelt und jetzt auch prämiert, mit dem das bisher verborgen gebliebene ("hidden") Zeitfenster zwischen 5 Nanosekunden und 50 Mikrosekunden mittels NMR erstmals beobachtet werden kann.

Die neue Methode hat das Potenzial, Wechselwirkungen von Proteinen mit bislang ungekannter Detailschärfe aufzuspüren. Gleichzeitig eröffnen sich neue Perspektiven für die Steigerung der Selektivität von Arzneimitteln, sollte es gelingen, die Interaktionen zwischen Proteinen und pharmakologischen Bindungspartnern besser zu verstehen.

Die Fachgruppe gratuliert Herrn Prof. Griesinger und seinem Team und wünscht für die anstehenden Untersuchungen viel Erfolg.

=>http://www.mpibpc.mpg.de/groups/pr/P/R/2009/09_02/

NMR Blogs

In Ergänzung MARS 25 / 2008 hier eine kleine Auswahlliste von NMR-Blogs:

Etliche sind ganz interessant geschrieben.

<http://u-of-o-nmr-facility.blogspot.com/>
ein ganz interessanter Blog mit eine Reihe praktischer und didaktisch aufbereiteter Einträge.

<http://www.ebyte.it/stan/blog.html>

ein Klassiker

<http://nmr-analysis.blogspot.com/>
nette Beispiele, enger Produktbezug
<http://nmr-software.blogspot.com/>

<http://acdlabs.typepad.com/>

<http://ssnmr.blogspot.com/>

Solid-State NMR Literature

<http://acdlabs.typepad.com/elucidation/>

NMR + andere Methoden

<http://www.chem.utoronto.ca/facilities/nmr/NMRBlog/>

Einblicke in open access

<http://www.nmrtubes.com/blog/nmrblog.html>

<http://www.process-nmr.com/blogs.htm>

Sammlung

<http://fgmrjobs.blogspot.com/>

FG Stellenmarkt

<http://fgmrequip.blogspot.com/>

FG Gerätebörse

Vielen Dank an U. Haunz (Konstanz) für die Anregung und die Sammlung.

Ankündigungen

A special solid-state NMR edition of the journal Physical Chemistry Chemical Physics is due to be published in early September 2009, ahead of the Alpine NMR Meeting in Chamonix. The core of the issue will be about 20 invited articles, plus 2 "Perspectives" articles setting the context of solid-state NMR for spin-1/2 and quadrupolar nuclei.

We hope that this special issue of a highly regarded physical chemistry journal will provide good "advertising" for our subject and now wish to draw wider attention to an open call for articles on the PCCP web site:<http://www.rsc.org/Publishing/Journals/CP/News/2008/SolidStateNMR.asp>

Please note that the deadline for submission is 1 April 2009 and that all articles submitted will go through PCCP's normal rigorous review process.

Guest Editors:

Paul Hodgkinson (Durham)

Stephen Wimperis (Glasgow)

Anhänge

Zum Jahresanfang haben sich eine Reihe von Informationen angesammelt, u.a. eine weitere Einweihungsfeier am EMBL in Heidelberg, die im Anhang zu Ihrer freundlichen Beachtung zusammengefasst sind.

Registrierung

Die Teilnahme ist kostenlos, jedoch wird **bis Fr. 27.3.** um Anmeldung gebeten.

- Symposium 13:00 – 18:00
- Dinner 18:30 –

Bitte per Email an:

marion.lamm@physik.uni-halle.de

Wir unterstützen Sie gerne bei der Hotelsuche!

Veranstaltungsort

Institut für Physik, Theoriegebäude
HS 328, von-Seckendorff-Platz 1
06120 Halle/Saale

The scientific presentations will be given in English.

Festkolloquium & MDR XXIII

zur Einweihung des Neubaus NMR
am Institut für Physik

es laden ein: die Fachgruppen
Biophysik (J. Balbach) und
NMR (K. Saalwächter)

Neubau NMR

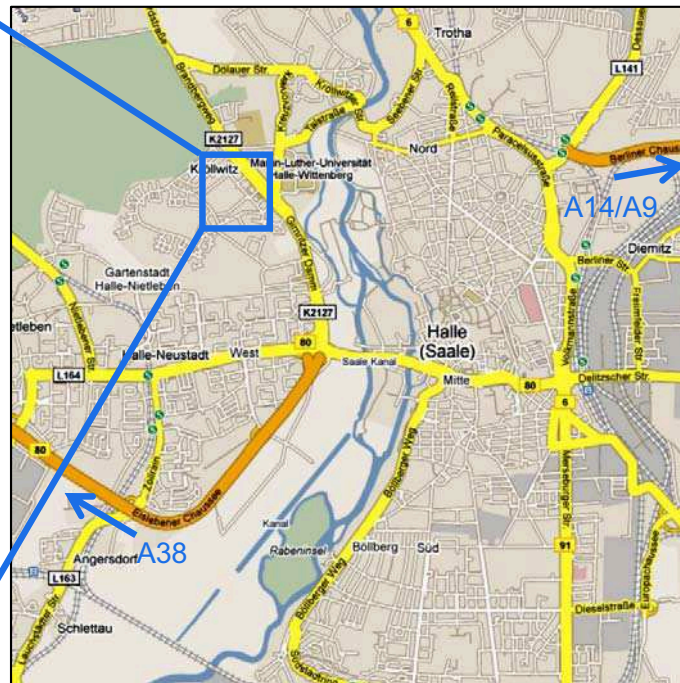
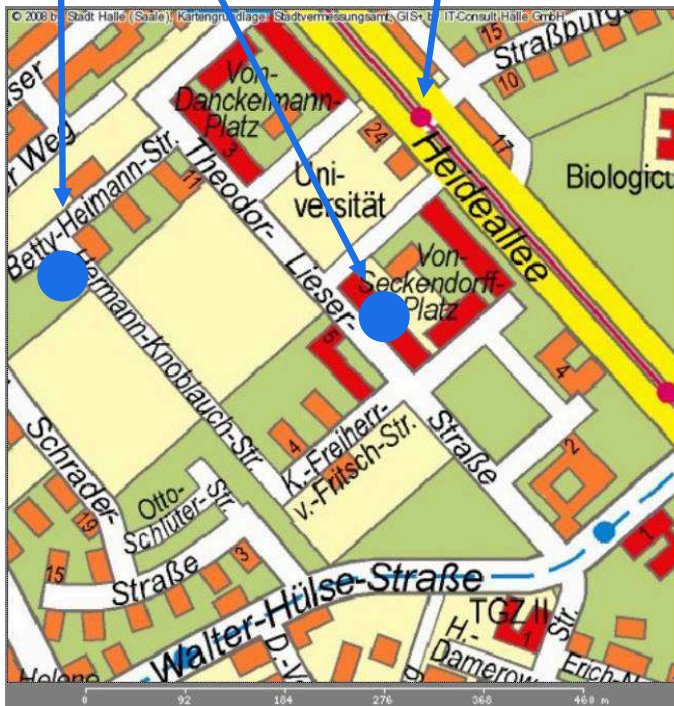
Theorie-
gebäude

Tram 4 und 5 ab Hbf.
Richtung Kröllwitz,
Stop: Straßburger Weg

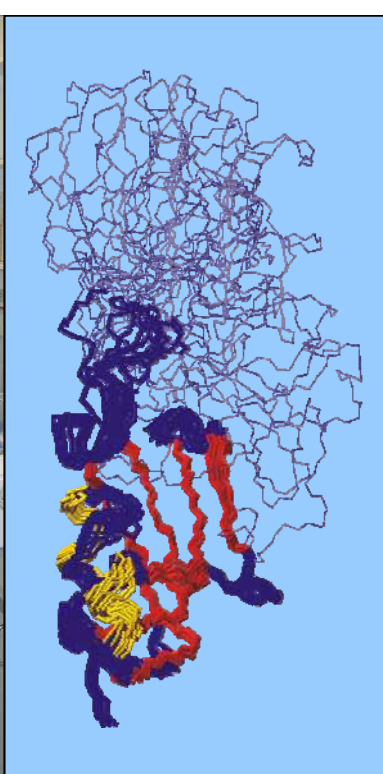
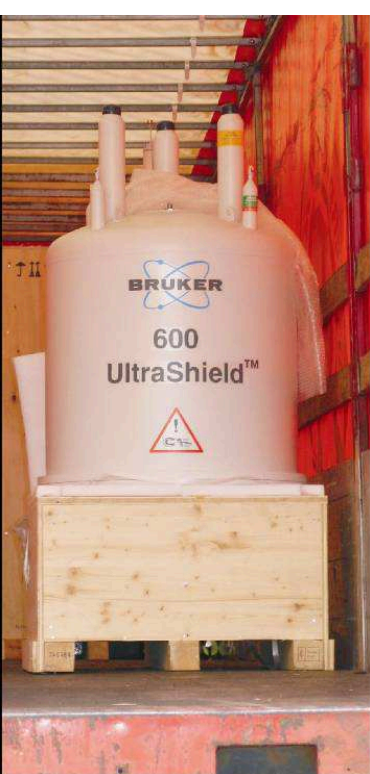
<http://www.halle.de/>

→ Stadtplan

→ „von-seckendorff-platz 1“



MARTIN-LUTHER-UNIVERSITÄT
HALLE-WITTENBERG



Vorträge

13:15 *Tony Keller* (Bruker, Karlsruhe):
NMR: Gestern Heute und Morgen

14:00 *Hans W. Spiess* (MPI-P, Mainz):
Interplay of Structure and Dynamics in
Macromolecular and Supramolecular
Systems.

14:45 *Daniel Huster* (U Halle/Leipzig):
Structure and Dynamics of Biopolymers
– Functional Importance for Membrane
Proteins and Biological Tissue.

16:45 *Michael Sattler* (TU München):
NMR Studies of Protein-RNA Molecular
Recognition in the Regulation of Gene
Expression.

17:30 *Jürgen Senker* (U Bayreuth):
NMR Crystallography: Elucidating the
Structure of Amorphous Micro- and
Nanocrystalline Materials.

18:00 *Stefan Berger* (U Leipzig):
Fascinating Spectra of Magic
Compounds: A New Concept in
Teaching the Isolation and Structural
Elucidation of Natural Products.

Im Sommer 2008 haben die Fachgruppen
Biophysik (Jochen Balbach) und
Festkörper-NMR (Kay Saalwächter) das
neue Laborgebäude auf dem Campus
Heide-Süd bezogen.

Zur feierlichen Eröffnung laden wir im
Rahmen des 23. Mitteldeutschen
Resonanztreffens (MDR-XXIII) zu einer
wissenschaftlichen Festveranstaltung ein.

Die Baumaßnahme wurde ermöglicht
durch das EFRE-Programm der EU.
Wir danken ferner der Fa. Bruker für
die großzügige Unterstützung des
Kolloquiums.

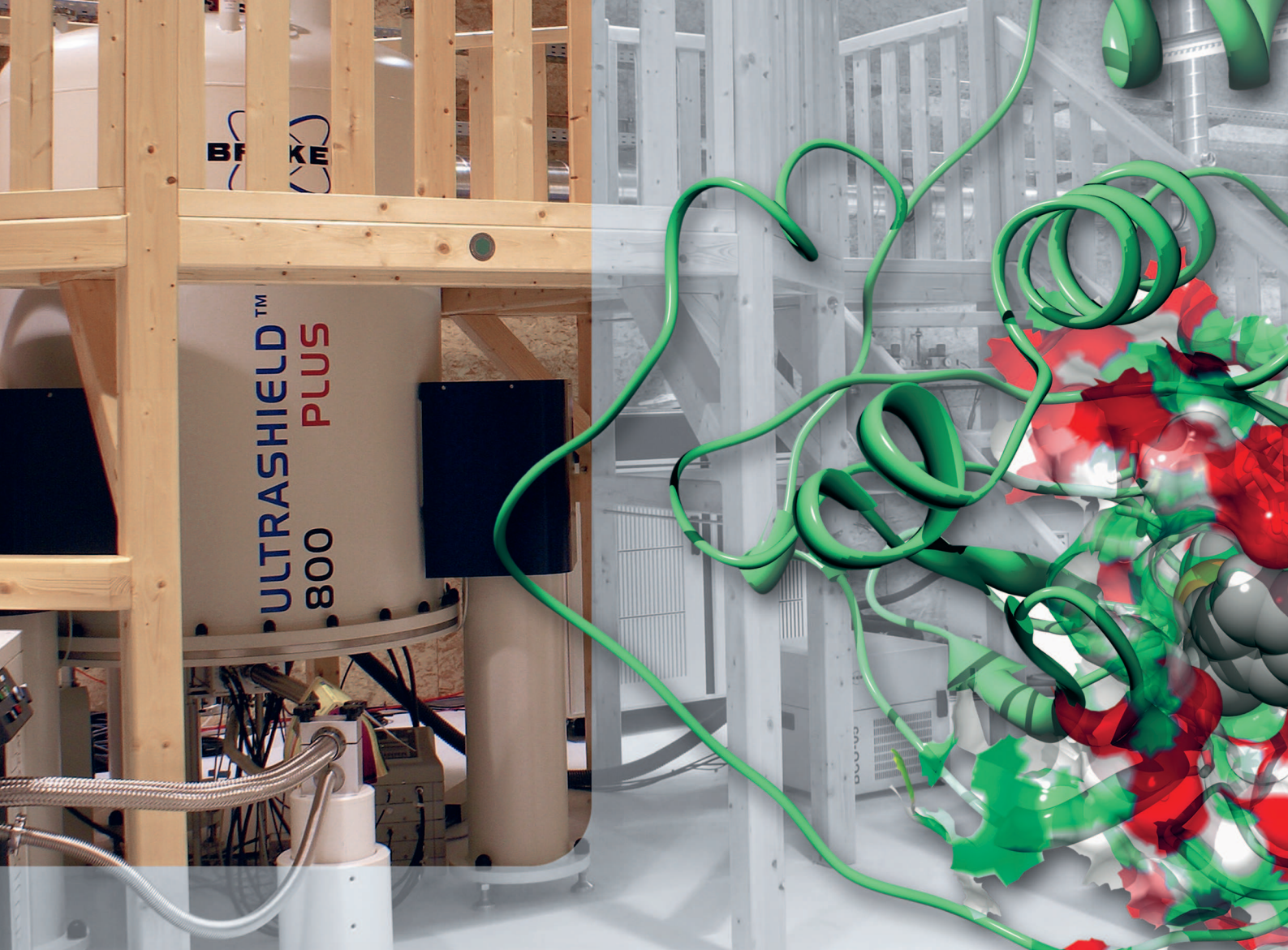
Programm

13:00: Eröffnung

15:15 – 16:45: Kaffee & Kuchen
mit Besichtigung im NMR-Gebäude
(5 Min. Fußweg)

18:30: Empfang & Dinner-Bufferet
für alle Teilnehmer
Raum 5.09/10 Theoriegebäude





R in Europe:

ation of the upgraded high-field NMR centre at the E

Speakers

Illain
Switzerland

ini
Florentino, Italy

ckledge
France

ns
The Netherlands

Griesinger
Germany

Hartmut Oschkinat
FMP, Berlin, Germany

Annalisa Pastore
NIMR, London, UK

Roland Riek
ETH, Zurich, Switzerland

Michael Sattler
TU Munich, Germany

Harald Schwalbe
University Frankfurt a.M., Germany

13 March 2009

EMBL Heidelberg, Germany

Organisers

Teresa Carlomagno
EMBL Heidelberg, Germany

Christoph Müller
EMBL Heidelberg, Germany

Peer Bork
EMBL Heidelberg, Germany

XXIII International EPR Seminar

(First Circular)

April 23 – 25, 2009, Bad Gottleuba
Germany



Park Hotel Bad Gottleuba

organized by

Department of Electrochemistry and Conducting Polymers, Leibniz-Institute of Solid State and Materials Research, IFW Dresden, Germany



AND

Institute of Physical Chemistry and Chemical Physics, Faculty of Chemical and Food Technology, Slovak University of Technology in Bratislava, Slovak Republic



Call for Papers

Scientific Programme

The programme includes the themes:

- EPR instrumentation – new methods – advanced techniques,
- Spectroelectrochemistry,
- Photochemistry,
- Quantitative EPR,
- EPR in biology and medicine,
- EPR in polymer chemistry.

The meeting's goal is to gather EPR specialists from the Middle of Europe.

Plenary lectures will be given by Michael Mehring (Stuttgart) and Gunnar Jeschke (Zürich).

The official language is English. Lectures (30 min) and short oral presentations (15 min) but no poster presentations are considered.

Organizing Committee

Prof. Dr. L. Dunsch (D)
l.dunsch@ifw-dresden.de
Dr. P. Rapta, DSc. (SK)
peter.rapta@stuba.sk
Prof. V. Brezová, DSc. (SK)
vlasta.brezova@stuba.sk

Scientific Committee

Prof. V. Brezová, DSc. (SK)
Prof. Dr. L. Dunsch (D)
Prof. Dr. G. Grampp (A)
Prof. L. Omelka, DSc. (CZ)
Dr. P. Pilar, DSc. (CZ)
Prof. A. Staško, DSc. (SK)

Abstracts Preparation

One-page abstracts of every presentation will be published in the Book of Abstracts of the meeting. Use Microsoft Word format as illustrated in the template document. The book of abstracts is included in the conference fee.

Abstracts must be submitted before February 1, 2009!

Deadlines:

Abstract submission February 1, 2009
Registration February 28, 2009
Payment February 28, 2009

Participation and Fee

The registration fee (150 €; reduced for students: 100 €) will cover conference fee, accommodation and all meals to be paid via bank transfer to the IFW Dresden. The fee is 200 € and 150 € after Feb. 28, 2009 which can then be paid at the registration desk.

Preliminary Programme

April 23, 2009

Arrival to Bad Gottleuba:
- by plane via airport Dresden-Klotzsche, transfer by S-Bahn S2 to Pirna and public bus transport to Gottleuba-Gesundheitspark
- by train via Dresden Main Station or Bad Schandau station, S-Bahn S2 to Pirna and bus as given above (one special transfer from Bad Schandau to Bad Gottleuba is offered for guest via Prague)

- by car via A 17 (Dresden-Prague) exit Bad Gottleuba (follow the signs "Hotelroute E" 300m left behind the exit)

Registration at the Parkhotel Gottleuba (13:00 – 18:00)

Opening ceremony,
Invited Plenary Lecture,
Lectures

April 24, 2009

Invited Plenary Lecture
Lectures
Conference tour
Lectures

April 25, 2009

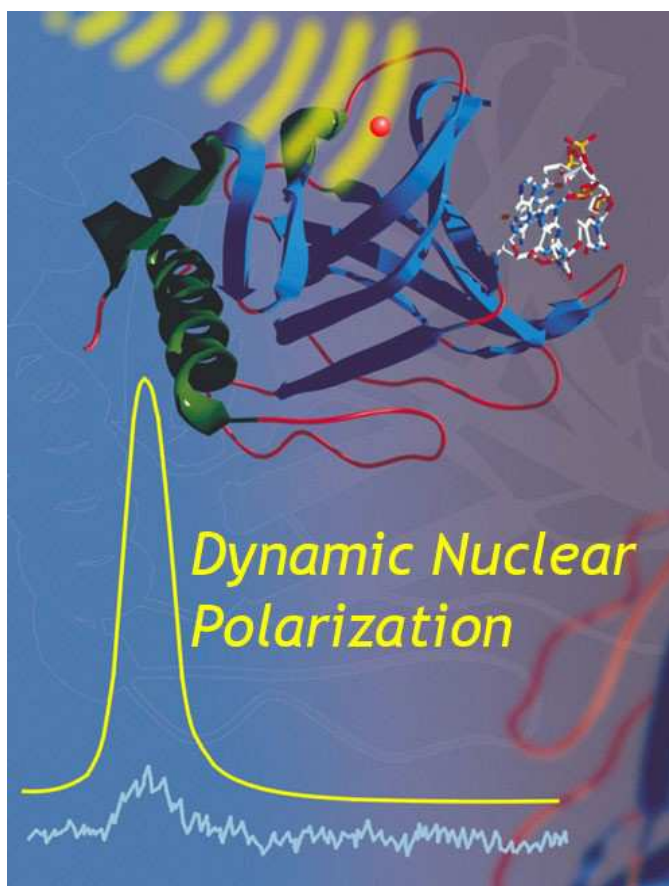
Lectures
Closing ceremony
Departure

Additional Information

Second circular with more details will be distributed in the middle of February, 2009.

Please return the registration form via e-mail until February 28, 2009 to:

EPR23@ifw-dresden.de
peter.rapta@stuba.sk



The Second Dynamic Nuclear Polarization Symposium:

Theory - Hardware-
Applications- Radicals

*Königstein, Germany,
September, 2- 4, 2009*

<http://www.bio-dnp.org/>

Organization Committee:

Thomas Prisner, BMRZ, JW Goethe University, Frankfurt
Harald Schwalbe, BMRZ, JW Goethe University, Frankfurt
Volker Dötsch, BMRZ, JW Goethe University, Frankfurt
Clemens Glaubitz, BMRZ, JW Goethe University, Frankfurt
Burkhard Endeward, BMRZ, JW Goethe University, Frankfurt
Irina Solovyeva, BMRZ, JW Goethe University, Frankfurt
Mark Prandolini, BMRZ, JW Goethe University, Frankfurt
Marat Gafurov, BMRZ, JW Goethe University, Frankfurt
Sevdalina Lyubenova, BMRZ, JW Goethe University, Frankfurt
Vasyl Denysenkov, BMRZ, JW Goethe University, Frankfurt

International Scientific Committee:

Robert G. Griffin, Massachusetts Institute of Technology, USA
Walter Köckenberger, University of Nottingham, UK
Songi Han, University of California, Santa Barbara, USA
Daniella Goldfarb, Weizmann Institute of Science, Israel
Christian Griesinger, MPIBPC, Göttingen, Germany
Claudio Luchinat, CIRMMP, Florence, Italy
Rolf Gruetter, EPFL, Switzerland

Important Dates:

Deadline for abstracts:

oral presentation

poster presentation

Deadline for early registration

Request for financial support for students

May 15, 2009

August 10, 2009

May 15, 2009

April 1, 2009

The Second International Symposium "Dynamic Nuclear Polarization: Theory - Hardware - Applications - Radicals" will be held during September 2- 4, 2009 in Königstein, Germany. The venue of the meeting will be the Conference Center Königstein (KTC), situated about 20 minutes from Frankfurt's city center. Königstein is located at the foot of the Feldberg Mountain in the midst of beautiful woodland surroundings. The DNP symposium 2009 is organized by the Goethe University, Frankfurt.

The DNP symposium started as an international symposium in Nottingham, UK in 2007. The intention of this symposium is to bring scientists on EPR, NMR and microwave engineering communities together to discuss progress in research that involves DNP. The symposium cover as many aspects of DNP as possible with sessions focusing on hardware development, different DNP strategies and theoretical considerations, in vitro applications of DNP in spectroscopy and imaging as well as in vivo applications in the medical MRI area. Dynamic Nuclear Polarization has received in the last few years increased attention by the EPR, NMR and microwave engineering community since a string of recent papers has demonstrated that DNP strategies in conjunction with appropriate hardware could be used to enhance sensitivity in a wide range of NMR and MRI experiments.

Already confirmed invited speakers

Robert G. Griffin, Massachusetts Institute of Technology, USA
Walter Köckenberger, University of Nottingham, UK
Marina Bennati, MPI Göttingen, Germany
Werner Maas, Bruker BioSpin, Germany
Songi Han, University of California, Santa Barbara, USA
Lucio Frydman, Weizmann Institute of Science, Israel
Mathilde Lerche, Imagnia AB, Sweden
Kerstin Münnemann, MPI for Polymer Research, Mainz University, Germany
Steffen Glaser, TUM, Germany
Christian Hilty, Texas A&M University, USA
Kevin Brindle, University of Cambridge, UK
Daniel Vigneron, University of California, San Francisco, USA
Arno Kentgens, Radboud University Nijmegen, Netherlands
Arnaud Comment, EPFL, Switzerland

Registration fees

Level of participation	Fee	Dates
Regular participant	270 EURO	received by June 1, 2009
	320 EURO	received after June 1, 2009
Student participant	220 EURO	received by June 1, 2009

The fee includes the book of abstracts, symposium reception, coffee breaks, lunches and dinners.

Accommodation

This symposium will take place on Conference Center Königstein (KTC), situated about 20 minutes from Frankfurt. Accommodation will be arranged in the KTC- hotel. Participants can make their own reservation directly with the hotel or via the registration webpage. Full catering is provided during the symposium.

Travel

Details of how to reach the conference venue will be provided with the second announcement and are available on the conference web site.

EMBO Practical Course: Structure, dynamics and function of biomacromolecules by solution NMR

BNMRZ, TU München, Garching, Germany

Jul 27 - Aug 3, 2009



Instructors:

Martin Blackledge, Bernhard Brutscher, Frank Delaglio, Gerd Gemmecker, Peter Güntert, Christian Griesinger, Stephan Grzesiek, Rainer Haessner, Helen Mott, Daniel Nietlispach, Michael Nilges, Konstantin Pervushin, Michael Sattler, Harald Schwalbe, Bernd Simon, Nico Tjandra, Geerten Vuister

Special lecture on relaxation: Al Redfield

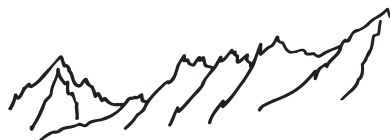
Organized by: Stephan Grzesiek, Michael Nilges, Michael Sattler

Deadline for applications: May 15, 2009

<http://www.bnmrz.org/embo2009/>

HelmholtzZentrum münchen
German Research Center for Environmental Health





International Workshop on High Field Solution and Solid State Biomolecular NMR

Les Houches, France, 1-5 June 2009

Announcement Form

Aims and scope of the workshop

The aim of the workshop is to bring together solution and solid state NMR biomolecular communities in order to discuss recent advances in the areas of molecular dynamics and folding, studies of challenging biomolecular systems, advances in structure determination, new concepts and experimental techniques, use of paramagnetic labeling.

The program features presentations from leading scientists as well as recent outstanding contributions from younger colleagues. The workshop is opened to the entire biomolecular NMR community and should yield exciting discussions as well as strong informal after session exchanges.

The number of participants will be limited to 70.

Registration Deadline: 31st March 2009

General Information

Confirmed Speakers

B. Reif (Germany), M. Tollinger (Austria), D. Hsu (UK), P. Schanda (Switzerland), R. Sprangers (Germany), M. Baldus (The Netherlands), M. Jensen (France), G. Jeschke (Switzerland), M. Lelli (Italy), T. Herrmann (France), P. Selenko (Germany), E. Lescop (France), M. Gaal (Israel), G. De Paëpe (France), C. Glaubitz (Germany), C. Van-Heijenoort (France), C. Jaroniec (USA), I. Felli (Italy), G. Pintacuda (France), C. Griesinger (Germany), F. Hansen (Canada).

Venue and accommodation

The workshop starts on Monday 1st with dinner, and ends on Friday 5th June after lunch. Seminars and lodging will take place at Les Houches Physics Center in the Haute Savoie area (close to Chamonix). On the edge of woods and meadows and facing the Mont-Blanc, the center (set apart from the village itself) offers many opportunities for activities such as hiking and mountain-climbing. Early Afternoons will remain free for outdoor activities and scientific discussions. Les Houches is about 1 hour from Geneva airport (GVA) and 2 hours from Lyon (LYS) by car. Shuttle bus transportation will be organized from and to Geneva airport. More practical information can be found at <http://www.ujf-grenoble.fr/HOUCHES>.

Registration

Fees: 300 €

The fees include participation to the workshop, lodging in a single room, and all meals from Monday evening to Friday afternoon. A registration form is available on the workshop website. Participants are encouraged to present posters, abstracts will be selected for oral presentations.

Contact Information

Organising Committee

J. Boisbouvier (Grenoble)
C. Bougault (Grenoble)
B. Brutscher (Grenoble)
G. De Paëpe (Grenoble)
S. Hediger (Grenoble)
D. Marion (Grenoble)
G. Pintacuda (Lyon)

Address for correspondence

E-mail: nmr.houches-2009@ibs.fr

Registration and Information via Internet

http://www.ibs.fr/content/ibs_eng/information/congress

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

6th Meeting “NMR in Heterogeneous Systems”
St. Petersburg, Petrodvorets, Russia
June 29 – July 3, 2009



First Announcement

an AMPERE event

Organising Institution:
Saint Petersburg State University
<http://nmr.phys.spbu.ru/NMRCM-2009>
nmrcm@esr.phys.spbu.ru

INVITATION

Saint Petersburg State University continues Annual International Symposium and Summer School “Nuclear Magnetic Resonance in Condensed Matter” (NMRCM). The sixth meeting under the subtitle “NMR in Heterogeneous Systems” will be opened on Monday, June 29, 2009 and will be closed on Friday, July 3, 2009.

The goal of the meeting is to provide a platform to scientists and students for use of all aspects of nuclear magnetic resonance methods and techniques as well as computational and theoretical approaches for the investigation of structure, dynamics and other properties of heterogeneous systems. The Organising Committee kindly invites you and your colleagues to Saint Petersburg to participate in the International Symposium and Summer School **NMRCM 2009**.

LOCATION

NMRCM 2009 will take place at the Petrodvorets Campus of Saint Petersburg University. Petrodvorets is a charming town, former summer residence of Russian Tsars, a place famous for its parks, palaces and fountains. Petrodvorets is located at the South Coast of the Gulf of Finland at a distance of 30 km from the centre of St. Petersburg.

St. Petersburg is the cultural capital of Russia, world-famous for its architecture, monuments, museums, and art galleries as well as for its theatres and concert halls.

MAIN TOPICS

The sixth meeting **NMRCM 2009** will imply to cover all aspects of nuclear magnetic resonance in heterogeneous systems. Some of the important topics are:

- nanomaterials
- porous media
- macromolecules in liquids
- liquid crystals (thermotropic and lyotropic), micellar systems
- solid solutions
- magnetic materials
- NMR imaging
- computer simulations
- applications

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

The official language of the Symposium and School is English.

The Book of Abstracts will be published and distributed to each participant of **NMRCM 2009** on arrival.

REGISTRATION FEE

Active participants — 300 €, students — 150 €

Members of the Groupement AMPERE have a discount of 25 €

Accompanying persons — 150 €

The fee includes organisation costs, **NMRCM 2009** materials, visa support and registration, welcome-party, and coffee breaks.

Number of participants is limited by 150 persons.

IMPORTANT DATES

1 February	Opening of on-line Registration Form
15 February	Second Announcement and Call for Papers
17 April	Deadline for Visa applications
30 April	Deadline for Abstracts
8 May	Letter of Acceptance
29 May	Deadline for the receiving of registration fee
1 June	Third Announcement
10 June	Programme

ORGANISING COMMITTEE

Co-Chairmen:

V. I. Chizhik (Saint Petersburg)

R. Z. Sagdeev (Novosibirsk)

Vice-Chairmen:

V. S. Kasperovich (Saint Petersburg)

A. V. Komolkin (Saint Petersburg)

Members:

S. F. Boureiko (Saint Petersburg)

A. S. Chirtsov (Saint Petersburg)

A. V. Gribanov (Saint Petersburg)

D. Michel (Leipzig)

A. B. Yaroslavtsev (Moscow)

CONTACT ADDRESSES

Dr. Andrei V. Komolkin (Ref.: **NMRCM 2009**)
Department of Quantum Magnetic Phenomena
V. A. Fock Institute of Physics
St. Petersburg State University
Ulyanovskaya str., 1
Petrodvorets, 198504, Saint Petersburg,
RUSSIA

Phone: +7-(812)-428 4479, +7-(812)-428 4362

Fax: +7-(812)-428 7240

e-mail: nmrcm@esr.phys.spbu.ru

URL: <http://nmr.phys.spbu.ru/NMRCM-2009>

Saint Petersburg State University
Physical Faculty
Department of Quantum Magnetic Phenomena

**International Symposium and Summer School
in Saint Petersburg**

Nuclear Magnetic Resonance in Condensed Matter

**6th meeting: “NMR in Heterogeneous Systems”
29 June – 3 July 2009**

**Second Announcement
and
Call for Papers**

an AMPERE event

Saint Petersburg, Russia
2009

1. Organising committee

Co-Chairmen:

- V. I. Chizhik (Saint Petersburg)
- R. Z. Sagdeev (Novosibirsk)

Vice-Chairmen:

- V. S. Kasperovich (Saint Petersburg)
- A. V. Komolkin (Saint Petersburg)

Members:

- S. F. Boureiko (Saint Petersburg)
- A. S. Chirtsov (Saint Petersburg)
- A. V. Griбанov (Saint Petersburg)
- D. Michel (Leipzig)
- A. B. Yaroslavtsev (Moscow)

Local Organising Committee (Saint Petersburg State University):

- Yu. S. Chernyshev
- A. V. Donets
- A. V. Egorov
- V. V. Frolov
- S. A. Lavrov
- V. V. Matveev
- K. V. Nerinowsky
- M. G. Shelyapina
- S. M. Soukhardjevsky
- K. V. Tyutyukin
- N. M. Vecherukhin

2. Sponsors of NMRCM-2009



Bruker BioSpin

<http://www.bruker-biospin.com>



Tokyo Boeki CIS

<http://www.tokyo-boeki.ru>



Jeol

<http://www.jeol.com>



VARIAN

Varian Inc.

<http://www.varianinc.com>

3. Invitation

Saint Petersburg State University continues Annual International Symposium and Summer School “[Nuclear Magnetic Resonance in Condensed Matter](#)” (NMRCM). The sixth meeting under the subtitle “[NMR in Heterogeneous Systems](#)” will be opened on **Monday, June 29, 2009** and will be closed on **Friday, July 3, 2009**.

The goal of the meeting is to provide a platform to scientists and students for use of all aspects of nuclear magnetic resonance methods and techniques as well as computational and theoretical approaches for the investigations of structure, dynamics and other properties of heterogeneous systems. The Organising Committee kindly invites you and your colleagues to Saint Petersburg to participate in the International Symposium and Summer School [NMRCM 2009](#).

The official language of the Symposium and School is English.

Number of participants is limited by 150 persons.

4. Main topics

The sixth meeting [NMRCM 2009](#) will cover all aspects of nuclear magnetic resonance in heterogeneous systems. Some of the important topics are:

- nanomaterials
- porous media
- macromolecules in liquids
- liquid crystals (both thermotropic and lyotropic), micellar systems
- solid solutions
- magnetic materials
- NMR imaging
- computer simulations
- applications

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

5. Location and accommodation

NMRCM 2009 will take place at the Petrodvorets Campus of Saint Petersburg State University. Single and double rooms will be available at the hotel “Universitetskaya”. The prices will be in the range from 550 Roubles to 2000 Roubles per night (without breakfast). The Organising Committee intends to arrange breakfasts and lunches. More information will be available on the web-server of Symposium after **May 1, 2009**.

Petrodvorets is a charming town, former summer residence of Russian Tsars, a place famous for its parks, palaces and fountains. Petrodvorets is located at the South Coast of the Gulf of Finland at a distance of 30 km from the centre of St. Petersburg.

St. Petersburg is the cultural capital of Russia, world-famous for its architecture (Fig. 1), monuments, museums, and art galleries as well as for its theatres and concert halls.



Figure 1: Historical centre of Petersburg in the summer night.

6. Abstract submission

You are invited to submit the abstract of your contribution to the Symposium and School. Each participant is allowed to present one or two reports. Size of an abstract is one page. Abstracts must be written in English, use please British spelling.

The Book of Abstract will be prepared for publishing in the $\text{\LaTeX} 2_{\epsilon}$ format. Documents in MS Word will be converted to $\text{\LaTeX} 2_{\epsilon}$ by the organisers. Please, prepare your abstracts in one of the following formats:

- $\text{\LaTeX} 2_{\epsilon}$ (*.tex) using the "nmrcm" document class. This is the natural format. File `nmrcm2005.tex` contains a template of abstract.
- **MS Word** document with MS Equation Editor or MS MathType formulae, saved in Reach Text Format (*.rtf) using template file `nmrcm2005.rtf`. Copy of all figures should be submitted in separate files in one of the widely used graphical formats: POSTSCRIPT, BMP, PNG, JPEG or TIFF.

Year of 2005 in the file names is not a bug, it is a feature.

If abstract contains colour figure, authors are allowed to submit two copies of the figure: one black-and-white for the printed Book of Abstracts, and another colour for the electronic PDF version of the Book of Abstracts.

Please read carefully published in this booklet "Guidelines for authors". Template files and $\text{\LaTeX} 2_{\epsilon}$ class files are available for download from **NMRCM 2009** web server <http://nmr.phys.spbu.ru/NMRCM-2009>.

Please, do not change any settings in the template and class files in order to keep size of the page and layout of the document. Do not use Cyrillic letters and special symbols like "№". They will be lost during the converting to $\text{\LaTeX} 2_{\epsilon}$.

An abstract should be sent to nmrcm@esr.phys.spbu.ru by e-mail as an attachment file before **April 30, 2009**.

The form of the presentation (plenary lecture, oral or poster reports) will be selected on the basis of the submitted abstracts taking into account author's request.

Participants will get the Book of Abstract on arrival at the registration desk of the Symposium and School. Electronic version (PDF) will be available for download from web server of **NMRCM 2009** in the fall of 2009.

7. Letter of acceptance

Letter of acceptance will be sent to participants before **May 8, 2009**. **This letter will not be enough to obtain visa to Russian Federation!**

The List of accepted reports will be available on the Symposium web-site after **May 8, 2009**.

9. Registration fee

Active participants – 300 Euro

Students – 150 Euro

Accompanying persons – 150 Euro

Members of Groupement AMPERE have a discount of 25 Euro.

The fee includes organisation costs, [NMRCM 2009](#) materials, visa support and registration, welcome-party, and coffee breaks.

Payment must be made in Euro at the Registration Desk on arrival.

10. Important dates

April 17 Deadline for visa applications

April 30 Deadline for receiving abstracts

May 8 Letter of acceptance

May 25 Deadline for hotel booking

June 1 Third Announcement

June 10 Programme

Planning social events:

June 28 Arrival

June 29 Opening of [NMRCM 2009](#); Welcome Party

July 1 Excursions

July 2 Symposium Dinner

July 3 Closing of [NMRCM 2009](#); guided tour to Saint Petersburg

July 4 Departure

11. Contact addresses

Postal address:

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