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BULLETIN DU GROUPEMENT

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Groupement
AMPERE

SE CONNAÎTRE, S'ENTENDRE, S'ENTRAIDER

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Editorial



Dear members of the Groupement AMPERE,

you might have noticed that I try to invite other people active in the Groupement AMPERE to write the editorial every other issue. This is not to make my life easier but because I think it is important to hear different opinions and viewpoints that can help us to start thinking about issues in a new way. In the last issue, Sebastian Hiller made a good point that we (including myself) tend to emphasize problems and forget the positive sides of science and life. I fully agree with him, and I will try to be more balanced in the future.

Our journal Magnetic Resonance (<https://www.magnetic-resonance-ampere.net/>) is now in its sixth year and doing well but would profit from more submissions. Please consider Magnetic Resonance as a journal for one of your next manuscripts!

There will be many conferences and schools organized as part of AMPERE activities this summer. There is the traditional AMPERE NMR School in Zakopane, the Biological Solid-State NMR school in Munich, and the EFEPR school in Manchester which all serve the training of the next generation of magnetic resonance researchers. I find this a very important and rewarding part of our activities. EUROMAR will be far north in Oulu this year, the ICMRM will happen in the center of Europe in Würzburg and in fall the biannual Alpine Conference on Solids will be held in Chamonix. Lots of choices where to go this year.

I wish you all a nice spring with hopefully better weather than what I see outside my window right now and hope to see many of you at one of our events!

Best regards,

Matthias Ernst
Secretary General, Groupement AMPERE

If you would like to become a member of the AMPERE Society, you can register online under: www.ampere-society.org

Portrait:

Vitautas Klimavicius

Why magnetic resonance and why NMR and MRI?

My NMR journey started when I was an undergraduate student in the Faculty of Physics at Vilnius University. At that time, a charismatic professor, V. Balevičius—who would later become my PhD advisor—invited his students to attend a guest lecture given by his friend, Prof. J. Plavec, on G-quadruplexes and NMR. The lecture was fascinating and intriguing, though a bit too advanced for me at that point. Nevertheless, I approached my professor to request some NMR-related practical experience. Soon after, I spent the summer in Prof. Plavec's NMR lab in Ljubljana, studying ionic liquids. After that summer, I was hooked on NMR.

What is your favorite frequency?

Definitely 400 MHz—or in other words, all frequencies at a 9.4 T field. The 400 MHz NMR spectrometer was the first instrument I was responsible for, which is why I like this frequency.

What do you still not understand?

Many things, ranging from science to human relationships. I think Aristotle was absolutely right when he said, “The more you know, the more you realize you don't know.” Nevertheless, experience often guides you towards correct pathways to answers.

Luckiest experiment you have ever done.

I think my luckiest experiment was conducted at TU-Darmstadt when I was a postdoc by Prof. G. Buntkowsky. We were investigating nitrogen doped mesoporous carbons which were designed for supercapacitor applications in collaboration with Prof. S. Kaskel (TU-Dresden). Such samples are known to be nightmare for NMR and to be honest it was. Therefore, my collaborators synthesized ^{15}N labeled samples and I decided to run low temperature ^{15}N MAS experiments at 100 K which turned out to be very informative and allowed us to relate the molecular structure of materials to the capacitance of the corresponding devices. I was very happy.

What was the worst mistake you have made during your lab time?

To be honest, aside from a few sapphire rotor crashes inside the DNP spectrometer, not much else went wrong. If you handle mistakes properly, they can be incredibly instructive. For example, how to disassemble a probe, replace NMR coils, and—most importantly—what not to do in the lab.



Most memorable conference story?

Every conference brings new experiences and stories, especially during socializing with colleagues, though nothing particularly exceptional comes to mind.

With whom (historical person) would you like to meet?

I would like to meet with someone who is an artistic historical person, David Bowie is the first that comes to mind. Apart from music which is great his insights on life was very inspiring.

When do you get your best ideas?

It depends on the type of ideas. I might sound boring, but all work- or science-related ideas come to me when I'm focused and actively working.

If you had just one month time for travelling - where would you go to?

If I had to choose a location, I'd pick somewhere remote with beautiful nature—perhaps New Zealand or Patagonia, as they're not easily accessible for me. However, what matters most to me is the company. I would go with my wife and kids to spend quality time together, hiking, swimming, etc. It would be a slow, relaxing family getaway.

Your idea of happiness?

Good sleep + quality time with family and friends + successful realization of ideas—both scientific and personal.

Position: Research Associate at Vilnius University, Head of NMR lab.

Awards: Alexander von Humboldt Fellowship, Vilnius University foundation grant.

Homepage: <https://www.ff.vu.lt/en/nmr>

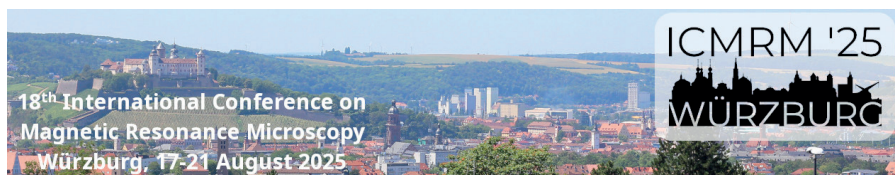
Education: PhD in Physics, Vilnius University

Interests:

My scientific interest is solid-state NMR spectroscopy of functional materials designed for bone engineering, light and sensing technologies, battery materials.

My personal hobbies are wood working and carpentry, DIY projects, music (listening), cooking.

First announcement



ICMRM 2025 Würzburg

You are cordially invited to join the **18th International Conference on Magnetic Resonance Microscopy (ICMRM)**, which will be held from **August 17th to 21st, 2025 in Würzburg, Germany.**

The aim of the ICMRM series is to promote the most recent advances in the development of spatially resolved magnetic resonance methods and their applications.

The series of MR microscopy conferences started in 1991 in Heidelberg, Germany and was continued as a biannual meeting (originally called "Heidelberg Conferences") with its last meeting in 2023 held in Singapore. In 1995 the Division of Spatially Resolved Magnetic Resonance (SRMR) was founded as a sub-division of Groupement AMPERE during the 3rd ICMRM held at Würzburg. Under the auspices of this community all further ICMRM conference have been organized.

Almost to the day 30 years after the conference was last organized at the University of Würzburg in 1995, the 18th ICMRM will therefore also celebrate the anniversary of SRMR at the very place of its formation.

Continuing the tradition, the 18th conference in Würzburg will cover research related to the application of spatially resolved magnetic resonance to a large variety of systems including solids, porous media, and biological tissues. In addition, applications of magnetic resonance to engineering, biomedical and clinical sciences as well as technological advances in instrumentation will be presented. Always home for novel ideas already at the last conferences first contributions from the field of magnetic particle imaging have been shown and for this conference we are planning to have a full oral session on this exciting new modality.

All researchers in the field of spatially resolved magnetic resonance as well as magnetic particle imaging are invited to show their most recent results in the form of invited lectures, contributed oral presentations and traditional posters. There will be no parallel sessions. All posters will be on display for the duration of the conference. The conference will start with a series of educational lectures and the opening of the conference will be marked by a special plenary lecture to celebrate the anniversary of SRMR.

We are delighted to organize the ICMRM in 2025 at the University of Würzburg, Germany. Founded in 1402 the university is the oldest university in Bavaria and number four all over Germany and hence has a long tradition of academic science and education.

[More information is available on our website.](#)



We are looking forward to seeing you in Würzburg for the 18th ICMRM!
Volker Behr and Peter Jakob
Chairs of ICMRM 2025

Minutes of the meeting of the Ampere Bureau online, on March 12, 2025

Members present (19):

A. Böckmann, B. Blümich, H. Oschkinat, A. Lesage, A. Kentgens, B.H. Meier, D. Savchenko, Y.-Q. Song, G. Bodenhausen, G. Mollica, G. Jeschke, J. Dolinšek, J.-M. Bonny, O. Millet, P. Giraudeau, R. Markiewicz, V.-V. Telkki, M. Ernst, S. Hiller

Excused:

M. Baldus, L. Ciobanu, G. Otting

Agenda:

1. Approval of the agenda
2. Approval of the minutes of the AMPERE Bureau meeting Bilbao on July 2, 2024
3. Report on the state of the AMPERE Society (A. Böckmann)
4. Financial Report (M. Ernst)
5. Report EUROMAR Division (A. Lesage)
6. Financial report EUROMAR division (M. Baldus)
7. Report Publication Division (Magnetic Resonance) (G. Otting)
8. Report on AMPERE/Andrew prize and funds to support meetings (B. Blümich)
9. AMPERE NMR Mailing List (M. Ernst/A. Böckmann)
10. Preparation of Committee and Bureau elections (M. Ernst)
11. Final reports past meetings 2024:
 - MRFood 2024, Foz do Iguacu-PR (Brazil), June 5–7 (J.-M. Bonny)
 - AMPERE NMR School, Zakopane (Poland), June 16–22 (R. Markiewicz)
 - EUROMAR 2024, Bilbao (Spain), June 30–July 4 (O. Millet)
 - MRPM 2024, Tromsø (Norway), August 26–30 (Y.-Q. Song)
 - EFEP 2024, Marseille (France), September 8–12 (G. Jeschke)
12. Future meetings 2025:
 - AMPERE NMR School, Zakopane (Poland), June 8–14 (R. Markiewicz)
 - EUROMAR 2023, Oulu (Finland), July 6–10 (V.-V. Telkki)
 - ICMRM 2025, Würzburg (Germany), August 17–21 (L. Ciobanu)
 - EFEP School, Manchester (UK), August 31–September 6 (G. Jeschke)
 - Alpine Conference, Chamonix (France), September 14–18 (G. Mollica)
 - Biosolid School, Munich (Germany), October 19–24 (M. Ernst)
13. Report on Sustainability (A. Kentgens)
14. Varia
15. Date of next meeting

At 12:00 hours, Matthias Ernst opened the meeting. He welcomed and introduced all new members and guests.

Ad 1. The agenda was approved as is.

Ad 2. The minutes of the AMPERE Bureau were approved unanimously.

Ad 3. The president A. Böckmann showed the AMPERE society tree. She then mourned society members that recently passed away. Anil Kumar, Professor at the Indian Institute of Science in Bengaluru and one of the most outstanding Indian NMR scientists, Sir George Charles Radda from University of Oxford, ISMAR Fellow and Member of the Royal Society, Alex Pines, Professor at the University of Berkeley, ISMAR president, prize awardee and fellow, and Klaus Möbius, Professor at FU Berlin, gold medalist of the EPR society and cross of merit of the Federal Republic of Germany. After a moment of silence, A. Böckmann highlighted the recent issue of the AMPERE bulletin. She then acknowledged the successful conferences in the past year and highlighted the various upcoming conferences to be discussed later in the meeting. She announced that Guinevere Mathies resigned from the AMPERE Bureau due to other commitments and acknowledged her valuable contributions to the AMPERE Café. She finally highlighted the job opening page on the AMPERE website, pioneered by D. Savchenko.

Ad 4. M. Ernst presented the financial report. Finances are continuing to be stable, with a positive tendency that allows additional room for activities such as scholarships and conference support. The financial situation of all subdivisions is stable and partially very positive.

Ad 5. A. Lesage reported on the EUROMAR division. The conferences 2025–2027 are well under way. EUROMAR 2025 in Oulu is going well. EUROMAR 2026 will be held in Gothenborg, Sweden, with chair Gunnar Karlsson. The EUROMAR-ISMAR joint conference in 2027 will be held in Lyon with chair Guido Pintacuda. The EUROMAR division website has been substantially renewed and offers several new features such as file sharing. The division has increased its focus on sustainability and increases student grants and conference support.

Ad 6. M. Ernst reported on the finances of the EUROMAR division. Finances are particularly positive since the two recent EUROMARs were financially successful. The excess gains will be used to increase support of students and the conference.

Ad 7. G. Bodenhausen reported on the publication division. The journal Magnetic Resonance is listed in PubMed and Scopus. The quality of articles coming to the journal is high, but the quantity is still not sufficient. Clarivate (Web of Science) therefore

still refuses to calculate an impact factor. The Bureau discussed various measures to increase the visibility and attractivity of the journal.

Ad 8. B. Blümich reported on the activities of the prize committee. For the Young scientist award, there were 10 nominations, including 2 females. 3 candidates, thereof 1 female came into closer consideration. Tuo Wang was selected after careful deliberation. For the Andrew Prize, 36 nominations were considered. The committee decided for Nergin Sahin Solmaz. B. Blümich reported further that four applications for competitive funding of events were granted.

Ad 9. M. Ernst discussed about operational details of the Dror/AMPERE NMR mailing list and specifically, the policy with regard to international conflicts. The Bureau felt that decisions on how to moderate the mailing list need to be backed by democratic consensus. The Bureau invited the list moderator D. Warschawski to the next Bureau meeting,

Ad 10. M. Ernst presented that for 13 members of the AMPERE committee, their term runs out by end of 2025. For 12 of them it is their first term and they will be asked whether they are available for election for a second term. One member, George Spyroulias from Greece, ends his second term and needs to be replaced. A new member from Greece will thus be sought. Among the AMPERE Bureau members several terms run out in 2025: President A. Böckmann and vice president P. Giraudeau end their first term, both agree to candidate for reelection. Vice president J. Dolinsek ends his second term and cannot be reelected. G Mathies resigned and D. Savchenko ends her first term as young member in 2025. B. Blümich's term as prize committee president runs out and he suggests to be replaced. The Bureau acknowledges the contributions of all leaving members. The Bureau thus needs a new vice president, a new young member and a new prize committee president for election in Oulu. M. Ernst asks for nominations to be submitted.

Ad 11. Reports of past meetings in 2024:

- 16th MRFOOD was presented by J.-M. Bonny. It was held on June 5-7, 2024, in Foy do Iguaçú-PR, Brazil. It included a workshop on relaxometry, diffusometry and statistical validation. Successive conferences are planned.

- R. Markiewicz presented the AMPERE NMR School in Zakopane (Poland), which was held on June 16-22, 2024 in the Polish mountainside. Around 100 participants. 19 lectures, 6 tutorials, young researcher presentations, 33 posters.

- O. Millet presented the EUROMAR 2024, which was held in Bilbao (Spain), June 30-July 4. Around 800 registrations, all went well.

- Y.-Q. Song reported on the Magnetic Resonance in Porous Media (MRPM) Conference in Tromsø (Norway). It was held August 26-30 2024. The meeting was successful and the next one will be in Brazil 2026.

- The EFEPR 2024 was presented by G. Jeschke. It was held in Marseille (France)

September 8-12. The meeting attracted 124 participants. 7 plenary lectures, 9 keynotes, 28 oral communications, 55 posters.

Ad 12. Reports of planned meetings in 2024:

- R. Markiewicz presented the next AMPERE NMR School in Zakopane (Poland), which will be held on June 8-14, 2025. 25 speakers, 6 workshops. The list of topics is very broad.

- The EF-EPR Summer School will be in Manchester organized by E. McInnes. It is already booked out. about 120 students, 25 lecturers.

- EUROMAR 2025 was presented by V.-V. Telkki. It will be held in Oulu July. Program will follow the traditional layout. Sponsorship goes well. Website is running with particular focus on sustainability.

- The Alpine conference in Chamonix was reported by G. Mollica. It will be held 14-18 September 2025 in Chamonix. Prizes will be given.

- Biosolid school will be held in October in Munich, organized by Bernd Reif.

Ad 13. This item was discussed between points 10 and 11. A. Kentgens presented an analysis made by P. Schanda, regarding the CO₂ footprint of traveling to Oulu. The data show that the carbon footprint of train travel is three-fold smaller than air travel. The analysis shall be further refined and presented with clear conclusions and recommendation for further action at the next meeting.

Ad 14. There were no topics under Varia.

Ad 15. The upcoming AMPERE Committee and Bureau meetings will be held at EUROMAR in Oulu, in person. Bureau on July 8, Committee on July 9, at lunchtime. The envisaged date of the next spring meeting of the AMPERE Bureau: Wednesday, March 11, 2026 on Zoom at 12:00.

The meeting closed at 14:07.

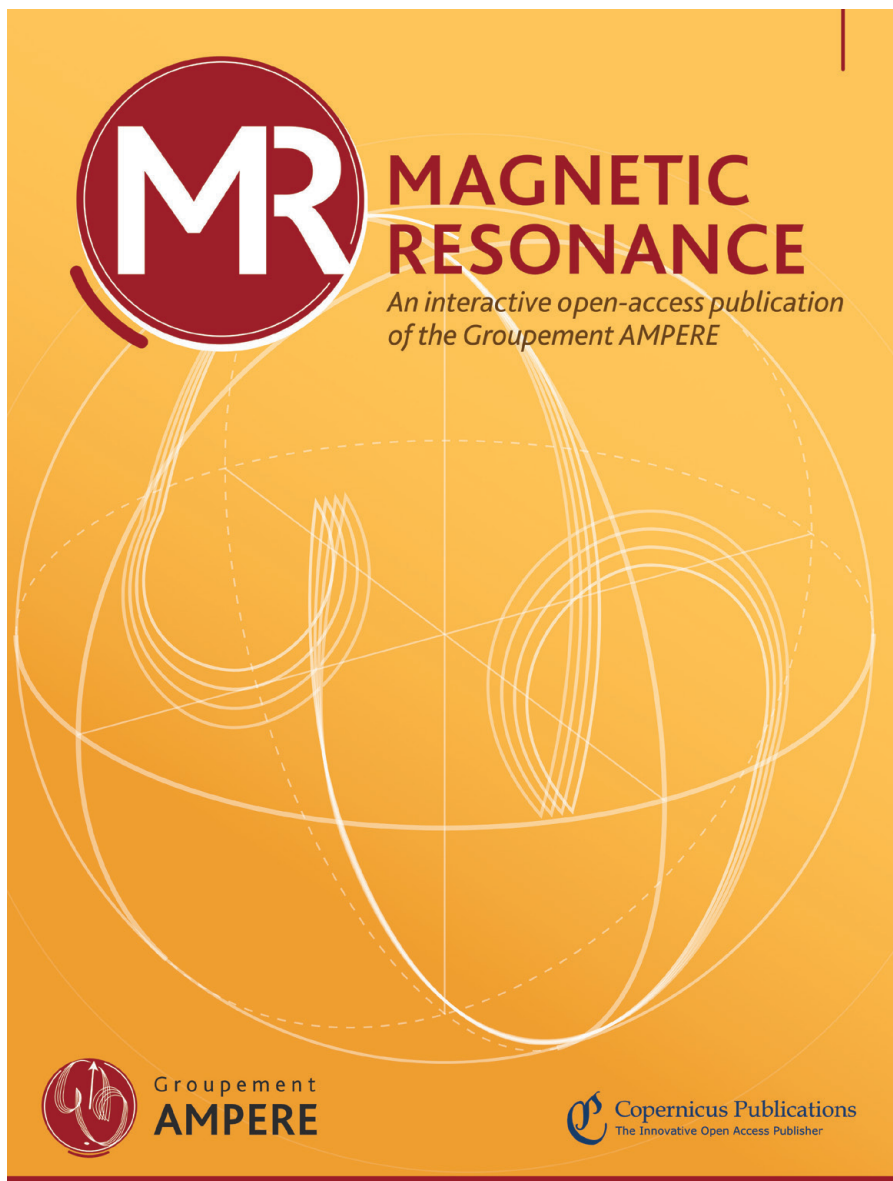
Basel / the internet, 12 March 2025

Minutes: Sebastian Hiller

Finances of the Groupement AMPERE and Subdivisions

Period from March 1. 2024 to February 28. 2025

	Balance on March 1. 2024	Membership Fees / Registration Payments	Donations/ Conference support, Copernicus Licence Fee, Seedfunding paid back	Travelgrants /Prizes and membership fees paid to Ampere	Conference Sponsoring Publishing Agreement MRPM	Conference Surplus / Licence fees Copernicus & reimb. taxes	Administration, Web Bureau Meetings / domains, credit card	Bank Charges / Depot Charges/ losses on Depot	Account Closing / Account carry over, withholding tax	Bank Interests Account carry over, Dividends	Gains on Value Paper withholding tax	Balance on Feb. 28 2025
Groupement Ampere												
Ampere (CHF)	20'169.00	5'759.20		2'235.76			762.88	93.50		4'535.74		27'371.80
Ampere (Euro)	60'925.89	26'049.07		14'057.50				95.63		781.64		73'603.47
Andrew (CHF)	19'845.08			1'690.96				539.25				17'614.87
Andrew Depot (CHF)	90'739.08										4'273.23	95'012.31
Subdivisions												
Biol. Solid State (Euro)	13'582.38						72.43	41.59				13'468.36
EPR (CHF)	7'434.15			2'875.70			20.00			50.55		4'589.00
Food NMR (CHF)	7'201.49			2'883.50						47.05		4'365.04
MRPM (CHF)	29'683.50			2'844.78	6'110.45					204.95		20'933.22
SMRM (CHF)	62'023.66						38.22	2.00	133.60	381.75	243.85	62'475.44
Hyp (CHF)	4'147.50									29.55		4'177.05
Publication Div. (Euro)	4'836.73		735.53					95.63				5'476.63
Euomar												
Euomar (Euro)	143'738.42		15'000.00	15'580.00		32'609.50	6'851.10	95.63				168'821.19



<https://www.magnetic-resonance-ampere.net>

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.

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Enrica Bordignon (2021-2025) University of Geneva, Switzerland

Melanie Britton (2024-2028) University of Birmingham, United Kingdom

Peter Crowley (2018-2026) National University of Ireland, Ireland

Jean-Nicolas Dumez (2024-2028) University of Nantes, France

Ana Maria Pissarra Coelho Gil (2018-2026) University of Aveiro, Portugal

Meghan Halse (2022-2026) University of York, United Kingdom

Klaartje Houben (2021-2025) DSM, Delft, The Netherlands

Kristaps Jaudzems (2019-2027) University of Latvia, Latvia

Anu Kantola (2024-2028) University of Oulu, Finland

Vytautas Klimavičius (2021-2025) Vilnius University, Lithuania

Igor Komarov (2022-2026) Taras Shevchenko National University of Kyiv, Ukraine

Dennis Kurzbach (2022-2026) University of Vienna, Austria

Jose Martins (2021-2025) Ghent University, Belgium

Jörg Matysik (2021 - 2025) University Leipzig, Germany

Óscar Millet (2024-2028) CIC bioGUNE, Spain

Giulia Mollica (2021-2025) ICR, Aix Marseille University, France

Predag Novak (2019-2027) University of Zagreb, Croatia

Giacomo Parigi (2021-2025) University of Florence, Italy

Annalisa Pastore (2021-2025) King's College London, England

Roberta Pieratelli (2024-2028) University of Florence, Italy

Janez Plavec (2024-2028) Slovenian NMR Centre, Slovenia

Ann-Christin Pöppler (2024-2028) University of Würzburg, Germany

Indrek Reile (2019-2027) National Institute of Chemical Physics and Biophysics, Estonia

Frode Rise (2018-2026) University of Oslo, Norway

Sharon Ruthstein (2018-2026) Bar-Ilan University, Israel

Mariana Isabel Coutinho Sardo (2021-2025) University of Aveiro, Portugal

Paul Schanda (2021-2025) The Institute of Science and Technology, Austria

George Spyroulias (2017-2025) University of Patras, Greece

Daniel Topgaard (2017-2025) Lund University, Sweden

Lukáš Trantírek (2021-2025) CEITEC - Central European Institute of Technology, Czech Republic

Jadwiga Tritt-Goc (2021-2025) Polish Academy of Sciences, Poland

Patrick van der Wel (2022-2026) University of Groningen, The Netherlands

Paul Vasos (2019-2027) Horia Hulubei Institute for Nuclear Physics (IFIN-HH), Romania

Thomas Vosegaard (2022-2026) Aarhus University, Denmark

Anna Zawadzka-Kazimierczuk (2024-2028) University of Warsaw, Poland

Honorary members

Hans Wolfgang Spiess, Max Planck Institute for Polymer Research, Germany

Kurt Wüthrich, ETH Zürich, Switzerland

Prize Committee

President: Bernhard Blümich, RWTH Aachen University, Germany

Members:

Mark E. Smith, University of Southampton, England

Annalisa Pastore, King's College London, England

Alexej Jerschow, New York University, USA

Enrica Bordignon, University of Geneva, Switzerland

Hartmut Oschkinat, FMP Berlin, Germany

Future conferences

Ampere Event 2025

Ampere NMR School	Zakopane, Poland	June 8-16
Euromar 2025	Oulu, Finland	July 6-10
18 th ICMRM	Würzburg, Germany	August 17-21
10 th EFEPR Summer School	Manchester, UK	Aug. 31 to Sept. 6
Alpine Conference on Magnetic Resonance in Solids	Chamonix, France	September 14-18
Biological Solid-State NMR School	Munich, Germany	October 19-24

Other Events 2026

46 th FGMR Annual Discussion Meeting	Bonn, Germany	September 15-18
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Ampere Event 2026

XIII EFEPR Conference	Brno, Czech Republic	Aug. 29 to Sept. 3
HYP 26	Göttingen, Germany	September 6-10

Other Events 2026

FGMR Annual Discussion Meeting	Mainz, Germany	September 13-17
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