



GESELLSCHAFT DEUTSCHER CHEMIKER



45th FGMR Annual Discussion Meeting

Joint International Conference of the German, Danish, Polish, and Swedish Magnetic Resonance Communities

September 9 – 12, 2024

Rostock, Germany

Universität
Rostock



Traditio et Innovatio



www.fgmr2024.uni-rostock.de



Division of Magnetic Resonance
of the German Chemical Society



INVITATION

We cordially invite you to join the 45th FGMR Annual Discussion Meeting and Joint Conference of the German, Danish, Polish, and Swedish Magnetic Resonance Communities, which will be held under the auspices of the Division of Magnetic Resonance (FGMR) of the German Chemical Society (GDCh) together with the three partner countries Denmark, Poland, and Sweden in the beautiful Hanseatic City of Rostock.

The program will cover all topics where resonances of electron and/or nuclear spins are detected, including classical solution and solid-state NMR/EPR as well as all types of other related topics like hyperpolarization, dynamics & diffusion, imaging, instrumentation, exotica, legal affairs, and much more. Besides 11 plenary presentations as well as 30 invited talks over 3 parallel sessions, we will additionally select 30 of the contributed abstracts as promoted talks. Plenty of opportunities for in-depth discussions will arise during 2 extended poster sessions and an interactive roundtable discussion on the topic of artificial intelligence in magnetic resonance led by several invited international expert panelists on that field. There will also be numerous awards sessions, including the Felix-Bloch Lecture, the Overhauser- and the Ernst-Awards, as well as the Otto-Stern Prize and the Honorary Lifetime Membership Award.

We aim to provide a comfortable atmosphere of intense knowledge exchange, supporting you to find effective scientific solutions and jumpstarting novel developments within the magnetic resonance community all over the world.

We look forward to seeing you there! On behalf of the whole organizing team and the scientific committees

Björn Corzilius (Conference Chair)
GDCh Division of Magnetic Resonance (FGMR)



TOPICS

- Biological Systems & In Cell
- Diffusion & Imaging (MRI/EPR)
- DNP & Hyperpolarization
- EPR/ESR
- Hardware & Miniaturization
- Materials, Catalysis & Energy
- Nano & Quantum Sensors
- Pharmaceuticals & Drug Discovery
- Process Monitoring, Quality Control & Legal Matters
- Relaxation & Dynamics
- Research Data Management
- Small Molecules & Metabolomics
- Solid-state NMR
- Solution NMR
- Theory, AI & Computation
- Zero & Low Field
- Others

Oral presentations and posters can be submitted at

www.gdch.de/fgmr2024

A sample abstract can be found on the website. No revisions or corrections will be made by the scientific committee. After successful transmission you will receive a reference code for each submitted abstract. The scientific committee reserves the right to accept or reject abstracts, and to assign them to oral or poster contributions.

INFORMATION

SCIENTIFIC COMMITTEE

Prof. Dr. Christian Griesinger	Göttingen, DE
Prof. Dr. Henrike Heise	Jülich, DE
Prof. Göran Karlsson	Gothenburg, SE
Prof. Wiktor Koźmiński	Warsaw, PL
Dr. Johannes Liermann	Mainz, DE
Prof. Dr. Burkhard Luy	Karlsruhe, DE
Prof. Dr. Jörg Matysik	Leipzig, DE
Prof. Johannes Messinger	Uppsala, SE
Prof. Niels Christian Nielsen	Aarhus, DK
Prof. Dr. Piotr Pietrzyk	Kraków, PL
Prof. Dr. Olav Schiemann	Bonn, DE
Prof. Dr. Monika Schönhoff	Münster, DE
Dr. Karsten Seidel BASF SE	Ludwigshafen, DE

LOCAL COMMITTEE

Dr. Wolfgang Baumann
Prof. Dr. Björn Corzilius
Prof. Dr. Sven Grundmann
Prof. Dr. Ralf Ludwig
Dr. Dirk Michalik
Dr. Jabor Rabeah
Prof. Dr. Friedemann Reinhard
Dr. Anne Strate

CONFIRMED PLENARY SPEAKERS

Prof. Dr. Björn M. Burmann	Gothenburg/SE
Prof. Dr. Jan Henrik Ardenkjær-Larsen	Copenhagen/DK
Prof. Dr. Christophe Copéret	Zurich/CH
Prof. Dr. Petrik Galvosas	Wellington/NZ
Prof. Dr. Jan G. Korvink	Karlsruhe/DE
Prof. Dr. Danuta Kruk	Olsztyn/PL
Prof. Dr. Klaus Lips	Berlin/DE
Prof. Dr. Petr Neugebauer	Brno/CZ
Prof. Dr. Tatyana Polenova	Newark, Delaware/US
Prof. Dr. Christina Thiele	Darmstadt/DE
Prof. Dr. Jörg Wrachtrup	Stuttgart/DE



REGISTRATION

Registration is open and possible at www.gdch.de/fgmr2024.

SUBMISSIONS

Abstract submission deadline for promoted talks June 15th, 2024.
Abstract submission deadline for posters July 15th, 2024.

SOCIAL PROGRAM

Conference Dinner

The Conference Dinner will take place at in a festive atmosphere.

City Tour

Guided city hike in German or English

ACCOMMODATION

A number of hotel rooms is reserved near the conference location. You will find further information at

www.fgmr2024.uni-rostock.de/venue/accommodation

VENUE

Campus Ulmenstraße (Audimax)

University of Rostock
Ulmenstrasse 69
18057 Rostock
Germany

(date: May 25, 2024)



SCHOLARSHIPS

A limited number of travel stipends is granted to younger members (MSc, PhD, Postdocs) of the GDCh Division of Magnetic Resonance. Prerequisite is an active participation in the conference (oral/poster contribution). Deadline: August 25, 2024.

For further information, please see:

www.fgmr2024.uni-rostock.de

INFORMATION ABOUT THE SCIENTIFIC PROGRAM

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INFORMATION ABOUT THE ORGANIZATION

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