

# 94<sup>TH</sup>



# ANNUAL MEETING

of the International Association  
of Applied Mathematics and Mechanics

March 18<sup>th</sup> – 22<sup>nd</sup>, 2024  
Magdeburg (Germany)

Preliminary Program



Bildnachweis: Christian Daniel



GESELLSCHAFT für  
ANGEWANDTE MATHEMATIK und MECHANIK e.V.  
INTERNATIONAL ASSOCIATION of APPLIED MATHEMATICS and MECHANICS

[jahrestagung.gamm.org](http://jahrestagung.gamm.org)



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Applied Mathematics and Mechanics

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Magdeburg, Germany

## Invitation

The International Association of Applied Mathematics and Mechanics (GAMM e.V.) cordially invites you to its 94<sup>th</sup> Annual Meeting from March 18<sup>th</sup>-22<sup>nd</sup>, 2024. On behalf of the DGLR and the GAMM we also invite you to the 66<sup>th</sup> Ludwig Prandtl memorial lecture. About 1,000 mathematicians, engineers, and scientists from Germany, Europe, and the rest of the world will participate in this event.

The scientific program contains:  
8 plenary lectures,  
the Ludwig Prandtl memorial lecture,  
the Richard von Mises lecture(s),  
5 minisymposia,  
5 *young researchers* minisymposia,  
26 parallel sections with several hundred presentations,  
a lecture of general public interest,  
presentation of GAMM-related DFG programs, and  
poster sessions.

We invite all GAMM members to the regular General Assembly of the GAMM on Wednesday, March 20<sup>th</sup>, 2024 at 11:30am.

Karsten Urban  
President

Michael Kaliske  
Secretary

## Venue

The GAMM Annual Meeting 2024 is hosted by the Otto-von-Guericke-Universität Magdeburg. On Monday, March 18<sup>th</sup>, the Conference will be opened in the lecture hall H1 in building G22 and via live broadcast in lecture hall H5 in building G16. All scientific events between Monday and Friday will take place on the central campus in the buildings G16, G22 and G26 within short walking distance.

The welcome reception and the conference dinner will take place at historic landmarks of Magdeburg and are located within a short walking distance or easily reachable by public transport.

Magdeburg is the capital of the German state Saxony-Anhalt and has a rich historical, industrial and scientific history. The city center with the cathedral, the mall along the river Elbe, numerous bars and restaurants and modern hotels is directly connected to the campus of the University by several tramlines.



<b>Chairpersons</b>	Peter Benner Daniel Juhre Thomas Richter Elmar Woschke
<b>Local organizing committee</b>	Holm Altenbach Peter Benner Rebecca Busch Christian Daniel Jan Heiland Janine Holzmann Daniel Juhre Thomas Richter Madeleine Ruhbaum Jens Saak Elmar Woschke
<b>Program committee</b>	Thomas Antretter, Leoben Marek Behr, Aachen Peter Benner, Magdeburg Martin Burger, Erlangen Patrick Dondl, Freiburg Alexander Düster, Hamburg Heike Faßbender, Braunschweig Melina Freitag, Potsdam Gero Friesecke, München Gregor Gassner, Köln Daniel Juhre, Magdeburg Michael Kaliske, Dresden Markus Kästner, Dresden Marc-André Keip, Stuttgart Ralf Müller, Kaiserslautern Nina Reiter, Hamburg Thomas Richter, Magdeburg Renate Sachse, München Claudia Schillings, Berlin Jörg Schröder, Essen Karsten Urban (Chair), Ulm Utz von Wagner, Berlin Andrea Walther, Berlin Elmar Woschke, Magdeburg

## SCIENTIFIC PROGRAMME

	Monday March 18 <sup>th</sup>	Tuesday March 19 <sup>th</sup>	Wednesday March 20 <sup>th</sup>	Thursday March 21 <sup>st</sup>	Friday March 22 <sup>nd</sup>	
08:30	Registration (G22 Foyer)	Contributed Sessions	Contributed Sessions	Contributed Sessions	Contributed Sessions	
09:00			Coffee Break Poster Session (G22A)			R. v. Mises Lecture(s) (H1+H5*)
09:30						
10:00		Coffee Break	Coffee Break	Coffee Break		
10:30		Plenary 2 (H1+H5*)	GAMM General Assembly (H1)	Plenary 4 (H1+H5*)	Plenary 7 (H1+H5*)	
11:00		Plenary 3 (H1+H5*)		Plenary 5 (H1+H5*)	Plenary 8 (H1+H5*)	
11:30		Opening (H1+H5*)	Lunch	Lunch / YAMM Lunch / NIAM / DEKOMECH	Lunch	Closing (H1+H5*)
12:00						
12:30		Prandtl Lecture (H1+H5*)	Minisymposia + DFG-PP	Contributed Sessions	Contributed Sessions	
13:00						
13:30						
14:00	Plenary 1 (H1+H5*)	Coffee Break Poster Session	Coffee Break	Coffee Break		
14:30						
15:00	Young Researchers' Minisymposia	Contributed Sessions	Contributed Sessions	Plenary 6 (H1+H5*)		
15:30				Contributed Sessions		
16:00				Welcome Reception (Johanniskirche)	Public Lecture (H5 + H1*)	Conference Dinner (Festung Mark)
16:30						
17:00	...					
17:30						
18:00						
18:30						
19:00						
19:30						
20:00						
20:30						
...						
23:00						

\* - live video broadcast

### Plenary Lectures - Mathematics

<b>Eric Cancès</b> (École des Ponts Paris)	Conquering the quantum world: old problems and new challenges for the applied mathematics community
<b>Maria Giovanna Mora</b> (Università di Pavia)	Nonlocal interaction problems with anisotropy
<b>Sven Leyffer</b> (Argonne National Labs)	Solving massive combinatorial optimization problems with PDE constraints
<b>Karen E. Willcox</b> (UT Austin, Oden Institute)	Enforcing physics structure in scientific machine learning: The role of projection-based reduced-order modeling

### Plenary Lectures - Mechanics

<b>Michael Beitel Schmidt</b> (TU Dresden)	Dynamics and control of aerial manipulation
<b>Stefanie Elgeti</b> (TU Vienna)	Mixed-initiative engineering design
<b>François Hild</b> (ENS Paris-Saclay)	Contributions of 4D imaging in mechanics of materials
<b>Kerstin Weinberg</b> (U Siegen)	Dynamic fracture simulations with peridynamics and phase-field fracture

### Special Lectures

#### Ludwig Prandtl Memorial Lecture

**Laurette Tuckerman** (Sorbonne Université, France)  
Turbulent-laminar patterns

#### Public Lecture (presented in German)

**Peter Streitenberger**, Otto-von-Guericke-Gesellschaft  
Vakuum und Luftdruck - Otto von Guericke und die wissenschaftliche Revolution im 17. Jahrhundert (mit Vorführung von Guericke's "Magdeburger Experimenten")

## Minisymposia

### 1 Distributed Control and Optimization: Theory and Applications

Organizers: Henrik Ebel (U Stuttgart)  
Kathrin Flaßkamp (U d. Saarlandes)

### 2 Hierarchical Modeling in Computational Engineering

Organizers: Julia Kowalski (RWTH Aachen)  
Jan Giesselmann (TU Darmstadt)  
Manuel Torrilhon (RWTH Aachen)

### 3 Matrix Nearness Problems and Applications

Organizers: Tim Mitchell (Queens College NY, USA)  
Matthias Voigt (Uni Distance Suisse, Brig, Switzerland)

### 4 Kernel Methods in Data Analysis and Computational Science

Organizers: Jochen Garcke (U Bonn)  
Andre Uschmajew (U Augsburg)

### 5 Free Boundary Problems in the Sciences: PDE Analysis and Modeling

Organizers: Sebastian Hensel (HCM Bonn)  
Greta Marino (U Augsburg)

## Young Researchers' Minisymposia

### 1 Mechanics and Mathematics of Sea Ice

Organizers: Carolin Mehlmann (OVGU Magdeburg)  
Carina Schwarz (U Duisburg-Essen)

### 2 New Perspectives for Model Order Reduction: Dynamical Low-rank Approximation

Organizers: Jonas Kusch (U Innsbruck)  
Dominik Sulz (U Tübingen)

### 3 Dynamical Systems: Discretization, Model Reduction and Learning

Organizers: Idoia Cortes Garcia (TU Eindhoven)  
Katharina Klioba (TU Hamburg)  
Manuel Schaller (TU Ilmenau)

### 4 Model Update and Parameter Identification

Organizers: Henning Wessels (TU Braunschweig)  
Alexander Henkes (TU Braunschweig)

### 5 Computational Mechanics of Active Biological Systems

Organizers: Lena Lambers (U Stuttgart)  
Sebastian Brandstätter (U d. BW München)

### GAMM-Related DFG Programs

**1 SPP 2353: Daring More Intelligence – Design Assistants in Mechanics and Dynamics**

Organizer: Peter Eberhard (U Stuttgart)

**2 SPP 2298: Theoretical Foundations of Deep Learning**

Organizer: Gitta Kutyniok (LMU München)

**3 SPP 2256: Variational Methods for Predicting Complex Phenomena in Engineering Structures and Materials**

Organizer: Georg Dolzmann (U Regensburg)

**4 SPP 2311: Robust Coupling of Continuum-Biomechanical in Silico Models to establish active biological System Models for later use in clinical Applications - Co-design of Modeling, Numerics and Usability**

Organizer: Oliver Röhrle (U Stuttgart)

**5 SPP 2410: Hyperbolic Balance Laws in Fluid Mechanics: Complexity, Scales, Randomness**

Organizer: Christian Rohde (U Stuttgart)

**6 GRK 2297: Mathematical Complexity Reduction**

Organizer: Sebastian Sager (OVGU Magdeburg)



## Other Events

### YAMM: Young Academics in Applied Mathematics and Mechanics

Organizer: Jan-Hendrik Bastek (ETH Zürich)

### Poster session of the GAMM Juniors

Organizer: Nina Reiter (FAU Erlangen-Nürnberg)

In the poster session, the GAMM Juniors present aspects of their current research from different fields of Applied Mathematics and Mechanics. On March 19<sup>th</sup> (16-16:30) and March 20<sup>th</sup> (9:30-10:30) the poster's authors will be available for discussion at the poster station.

## Sections

### S 01 Multi-body dynamics, mechatronics and robotics

Organizers: Tamara Nestorovic (RU Bochum)  
Atta Oveisi (RU Bochum)

### S 02 Biomechanics

Organizer: Silvia Budday (FAU Erlangen-Nürnberg)

### S 03 Damage and fracture mechanics

Organizers: Andreas Ricoeur (U Kassel)  
Steffen Gerke (U d. BW München)

### S 04 Structural mechanics

Organizers: Sven Klinkel (RWTH Aachen)  
Steffen Freitag (KIT Karlsruhe)

### S 05 Oscillations

Organizer: Merten Stender (TU Berlin)  
Alice Cicirello (U Cambridge)

### S 06.1 Material modelling with metals

Organizers: Jörn Mosler (TU Dortmund)  
Patrick Kurzeja (TU Dortmund)

### S 06.2 Material modelling with metals

Organizers: Alexander Lion (U d. BW München)  
Loredana Kehrner (KIT Karlsruhe)

### S 07 Coupled problems

Organizers: Alexander Düster (TU Hamburg)  
Jörg Schröder (U Duisburg-Essen)

<b>S 08</b>	<b>Multiscales and homogenization</b>
Organizers:	Matti Schneider (U Duisburg-Essen) Tobias Kaiser (TU Dortmund)
<b>S 09</b>	<b>Laminar flows and transition</b>
Organizer:	Olaf Wünsch (U Kassel)
<b>S 10</b>	<b>Turbulence and reactive flows</b>
Organizers:	Gabor Janiga (OVGU Magdeburg) Samuel Voß (OVGU Magdeburg)
<b>S 11</b>	<b>Interfacial flows</b>
Organizers:	Tomislav Maric (TU Darmstadt) Mathis Fricke (TU Darmstadt)
<b>S 12</b>	<b>Waves and acoustics</b>
Organizers:	Natalie Rauter (HSU Hamburg) Wolfgang Weber (HSU Hamburg)
<b>S 13</b>	<b>Flow control</b>
Organizers:	Jan Heiland (OVGU Magdeburg) Richard Semaan (TU Braunschweig) Sebastian Peitz (U Paderborn)
<b>S 14</b>	<b>Applied analysis</b>
Organizers:	Patrik Knopf (U Regensburg) Xian Liao (KIT Karlsruhe)
<b>S 15</b>	<b>Uncertainty quantification</b>
Organizers:	Lorenzo Tamellini (IMATI Pavia) Kerstin Lux (TU Eindhoven)
<b>S 16</b>	<b>Optimization</b>
Organizers:	Evelyn Herberg (U Heidelberg) Christian Kahle (U Koblenz)
<b>S 17</b>	<b>Applied and numerical linear algebra</b>
Organizers:	Davide Palitta (Bologna U) Kathryn Lund (MPI Magdeburg)
<b>S 18</b>	<b>Numerical methods for differential equations</b>
Organizers:	Christian Wieners (KIT Karlsruhe) Philip Freese (TU Hamburg)

<b>S 19</b>	<b>Optimization of differential equations</b>
Organizers:	Anne-Therese Rauls-Ehler (TU Darmstadt) Hannes Meinlschmidt (FAU Erlangen-Nürnberg)
<b>S 20</b>	<b>Dynamics and control</b>
Organizers:	Friedrich Philipp (TU Ilmenau) Nicole Gehring (JKU Linz)
<b>S 21</b>	<b>Mathematical signal and image processing</b>
Organizers:	Anne Wald (Georg-August-U Göttingen) Johannes Maly (LMU München)
<b>S 22</b>	<b>Scientific computing</b>
Organizers:	Christian Hesch (U Siegen) Andrea Walther (HU Berlin)
<b>S 23</b>	<b>Applied operator theory</b>
Organizers:	Amru Hussein (RPTU Kaiserslautern-Landau) Martin Grothaus (RPTU Kaiserslautern-Landau)
<b>S 24</b>	<b>History of applied mathematics and mechanics</b>
Organizer:	Holm Altenbach (OVGU Magdeburg)
<b>S 25</b>	<b>Computational and mathematical methods in data science</b>
Organizers:	Max Pfeffer (Georg-August-U Göttingen) Franziska Nestler (TU Chemnitz)
<b>S 26</b>	<b>Modelling, analysis and simulation of molecular systems</b>
Organizers:	Sebastian Matera (Fritz-Haber-Institut der MPG) Michael Herbst (EPF Lausanne)

## Conference Venues & Maps

### G22



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- Lecture hall **H2**
- Registration (only on Monday, March 18<sup>th</sup>)

### G16



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- Lecture hall **H5**

### G26



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- Lecture hall **H1**
- Opening

### Mensa



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- Daily lunch
- Conference registration (Tuesday - Friday)

### Johanniskirche



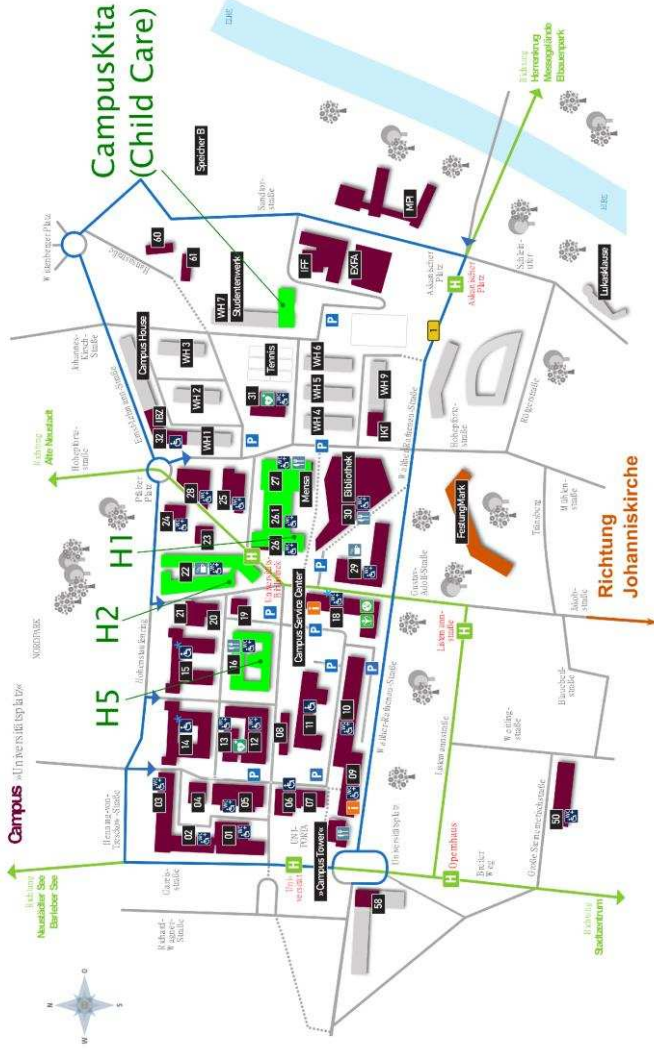
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**Welcome reception, Johannisbergstr. 1, 39104 Magdeburg (1km away from OVGU campus)**

**OVGU Campus**



Buildings 16, 22, and 26 are the main buildings of GAMM 2024. The conference dinner will be held in the Festung Mark, south of the campus across the street on Walther-Rathenau-Straße.

## Abstract Submission

### Dates

Abstract submission starts on **October 1<sup>st</sup>**, 2023 and closes **December 1<sup>st</sup>**, 2023.

The notification of acceptance is scheduled for January 12<sup>th</sup>, 2024.

### Submission

Abstracts have to be submitted via the online submission system:

<https://www.conftool.org/gamm2024/>

### Call for Contributions

All participants are invited to submit an abstract for a short communication (max. 400 words, plain text) in one of the sections (20 minutes including discussion).

For a contribution in a minisymposium, young researchers' minisymposium, and GAMM related DFG priority programs, an explicit invitation by the respective organizers is mandatory.

Authors are kindly requested to write the abstract in English. Each participant is allowed to present **one paper only**.

The collected abstracts will be published online.

For possible publication of the accepted lectures in the *Proceedings of Applied Mathematics and Mechanics* (PAMM), see the relevant information below.

Please assign your abstract to a section during the online submission. Additionally, please give a set of keywords related to the abstract.

## Registration

<b>Registration</b>	<p>Participants are required to register. Please note that the registration fee does not include accommodation.</p> <p>Online registration is possible as of <b>November 20<sup>th</sup>, 2023</b> through the website:  <a href="https://www.conftool.org/gamm2024/">https://www.conftool.org/gamm2024/</a></p> <p>and expires on <b>March 1<sup>st</sup>, 2024</b>, while on-site registration is still possible. Online registration is recommended.</p>		
<b>Conference fee</b>		<b>Early Fee</b> until January 19 <sup>th</sup> , 2024	<b>Regular Fee</b> from January 20 <sup>th</sup> , 2024
	GAMM Members <small>(with or without contribution)</small>	<b>380 €</b>	<b>430 €</b>
	Non-Members <small>(with or without contribution)</small>	<b>480 €</b>	<b>530 €</b>
	Accompanying Person <small>(more information: see below)</small>	<b>90 €</b>	<b>90 €</b>
	+ Conference Dinner <small>(limited to 600 participants)</small>	<b>+ 85 €</b>	<b>+ 85 €</b>
	Bachelor/Master Students <small>(without contribution)</small>	<b>0 €</b>	<b>0 €</b>
	<b>After March 1<sup>st</sup>, 2024, only on-site registration and payment is possible.</b>		
<b>Registration fee includes</b>	<ul style="list-style-type: none"> <li>• Participation</li> <li>• Book of abstracts (digital)</li> <li>• Final program</li> <li>• Public lecture</li> <li>• Coffee breaks</li> <li>• Welcome reception (limited to 500 participants on “first come, first served” basis)</li> <li>• Certificate of attendance</li> </ul>		
<b>Accompanying persons</b>	<ul style="list-style-type: none"> <li>• Are registered by the related participant and are welcome to join the             <ul style="list-style-type: none"> <li>○ Welcome reception (March 18<sup>th</sup>, 2024) – please note that we are limited to 500 participants here</li> <li>○ Public lecture (March 19<sup>th</sup>, 2024)</li> <li>○ Conference dinner (March 20<sup>th</sup>, 2024 – separate Conference Dinner ticket (+85 Euro) is required)</li> </ul> </li> </ul>		
<b>Methods of payment</b>	Payment of the registration fee can be made by credit card or by bank transfer.		



### Conditions and cancellation

For cancellations of registrations received by January **31<sup>st</sup>, 2024**, the **booking fee less an administrative fee of 100 €** will be refunded. For cancellations received after this date, no refunds are made.

The cancellation conditions for hotel rooms are based on the terms and conditions of the respective accommodation.

### Opening hours registration desk

Monday,	March 18 <sup>th</sup>	09:00–17:30 – G22 foyer
Tuesday,	March 19 <sup>th</sup>	08:00–16:30 – Mensa 1 <sup>st</sup> floor
Wednesday,	March 20 <sup>th</sup>	08:00–16:30 – Mensa 1 <sup>st</sup> floor
Thursday,	March 21 <sup>st</sup>	08:00–16:30 – Mensa 1 <sup>st</sup> floor
Friday,	March 22 <sup>nd</sup>	08:00–14:30 – Mensa 1 <sup>st</sup> floor

## Accommodation

**Special hotel contingents** at reduced rates are available for this year's GAMM Annual Conference. Note that these quotas are limited, both, in time and quantity. Refer to the <https://jahrestagung.gamm-ev.de/annual-meeting-2024/important-dates-fees> page for the exact expiration dates and links for the booking. Please use the keyword "GAMM2024" to access these quotas. Should all contingents be exhausted, more accommodation options are available in the city of Magdeburg during the GAMM Annual Meeting.





## Publication of Lectures

### Plenary lectures

Plenary lectures can be published in the regular issues of ZAMM ("Zeitschrift für Angewandte Mathematik und Mechanik").

### Papers presented in minisymposia, YR-minisymposia, and in sections

Papers presented at minisymposia, YR-minisymposia, and in sections can be published electronically in PAMM ("Proceedings in Applied Mathematics and Mechanics").

The papers are strictly limited to 6 pages for all contributions (minisymposium, YR-minisymposium, DFG-PP section, a special topic lecture of a section, contributed lecture to the sections.)

The editors reserve the right to deny publication of a manuscript based on the referee's judgment. Papers need to be prepared in accordance with Wiley's Author's Instructions for Publication at

<http://www.gamm-proceedings.org/>

Papers have to be submitted after the conference by May 1<sup>st</sup>, 2024 via the website

<https://mc.manuscriptcentral.com/pamm>

## Childcare

We offer flexible childcare service for children between 2 months and 6 years of age during the conference. If you are interested or need further information, please contact us at [gamm2024@ovgu.de](mailto:gamm2024@ovgu.de) until January 15<sup>th</sup>, 2024.

## Local Contacts

### Chairpersons

Peter Benner  
Daniel Juhre  
Thomas Richter  
Elmar Woschke

### Conference office

Janine Holzmann  
Madeleine Ruhbaum

[gamm2024@ovgu.de](mailto:gamm2024@ovgu.de)



## Important Dates

Start of <b>abstract submission</b>	October 1 <sup>st</sup> , 2023
Start of <b>online registration</b>	November 20 <sup>th</sup> , 2023
<b>Abstract submission deadline</b> for talks	December 1 <sup>st</sup> , 2023
Notification of <b>acceptance of abstract</b>	January 12 <sup>th</sup> , 2024
Preregistration for <b>child care</b>	January 15 <sup>th</sup> , 2024
Closure of <b>early online registration</b> (Early fee)	January 19 <sup>th</sup> , 2024
Closure of <b>online registration</b> ( <i>On-site registration is still possible</i> )	March 1 <sup>st</sup> , 2024
<b>PAMM submission deadline</b>	May 1 <sup>st</sup> , 2024



## Special Events

**Monday, March 18<sup>th</sup>**

**Opening**

13:00 – 14:00, H1 (G26) live broadcast in H5(G16)

**Ludwig Prandtl memorial lecture**

14:00 – 15:00, H1 (G26)

**Welcome reception**

19:00 – 22:00, Johanniskirche

**Tuesday, March 19<sup>th</sup>**

**Poster session**

16:00 – 16:30, G22A

**Public lecture**

19:30 – 21:00, H5 (G16) live broadcast in H1(G26)

**Wednesday, March 20<sup>th</sup>**

**Poster session**

09:30 – 10:30, G22A

**Richard-von-Mises award lecture**

10:30 – 11:30, H1 (G26)

**GAMM General Assembly**

11:30 – 13:00, H1 (G26)

**DEKOMECH Assembly**

13:00 – 14:00, Raum 203 (G22A)

**NIAM Assembly**

13:00 – 14:00, H1 (G26)

**YAMM lunch** Young Academics Meet Mentors

13:00 – 14:00, Senatssaal (G05)

**Conference dinner**

19:30 – 23:00, Festung Mark

**Friday, March 22<sup>nd</sup>**

**Closing**

13:00 – 14:00, H1 (G26) live broadcast in H5(G16)

## Conference Dinner



© Festung Mark, Magdeburg

The conference dinner will be held within the historic surroundings of the former cannon passages and casemate vaults of the Festung Mark right around the corner of the main campus. Once integral to the largest Prussian fortress, this unique venue offers a truly remarkable setting for such an event.

Experience the grandeur of the eleven-meter-high vaults and uncover the mysteries hidden within the niches. Step into the expansive fortress courtyard, steeped in more than five centuries of history along the city wall. This extraordinary backdrop will provide a memorable atmosphere as we gather for our conference dinner.

We encourage you to seize this opportunity to be part of this hopefully unforgettable evening and secure your place for the conference dinner together with the registration.



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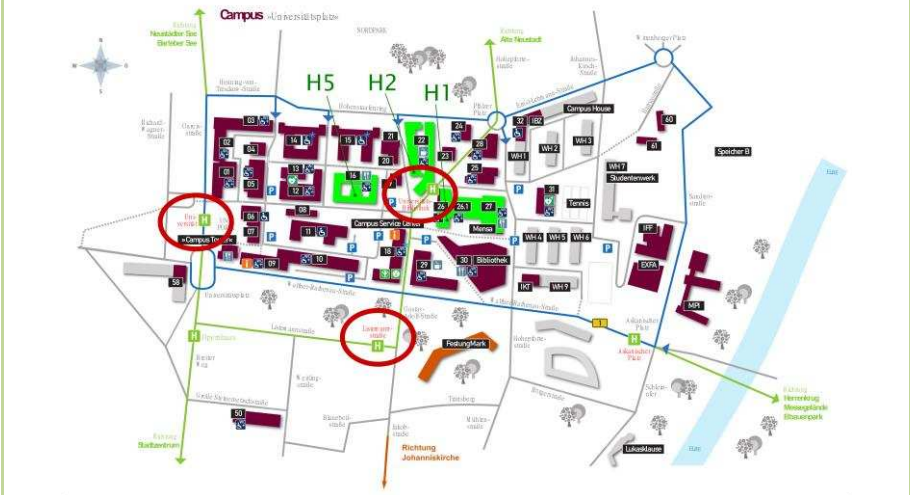
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## Travelling to Magdeburg by...

	... car	Magdeburg is connected to the national main road network via two autobahns. The A14 leads to Magdeburg from the south (Leipzig – Halle). The A2 connects to Berlin in the east and Duisburg, Essen, Dortmund, Hannover and Wolfsburg in the west.
	... train	Magdeburg Hbf is well connected by a network of regional and the faster intercity trains. Exemplary travel times to <ul style="list-style-type: none"> <li>• Halle, Bitterfeld, Braunschweig, Stendal, Potsdam: 1 hour</li> <li>• Berlin, Leipzig, Hanover: 2 hours</li> <li>• Dresden, Nuremberg, Kassel, Bielefeld, Bremen, Hamburg, Rostock: 3 hours</li> <li>• Munich, Frankfurt, Dusseldorf, Kiel, Szceczin, Poznan: 5 hours</li> <li>• Amsterdam, Brussels, Freiburg, Innsbruck, Linz, Prague, Wroclaw, Odense: 7 hours</li> </ul> See <a href="http://www.bahn.de">www.bahn.de</a> for connections and bookings.
	... plane	Possible airports (travel time to Magdeburg by train) are Leipzig/Halle (1:20h), Berlin (2:10h), Hannover (2:00h), Frankfurt (4:30h)

## Public transportation in Magdeburg ...

Magdeburg has a dense network of public transport that runs 24/7 with the most frequent service during regular working and commuting hours. The university is connected via the tram lines 1, 4, 5, 8, 9, 10 (stop at **Universität**), line 6 (**Listemannstrasse**), and line 2 (stop at **Universitätsbibliothek**). A tram ride to Hauptbahnhof takes 11 min, and to the cathedral (Domplatz) 10 min. Use the mobile app *DB-Navigator* or [www.bahn.de](http://www.bahn.de) to find tram connections in Magdeburg.



## Venue



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The “Ottostadt” Magdeburg cannot only point to a multifaceted history of more than 1200 years with great traditions, periods of prosperity of European significance and severe upheavals, it is more than ever a city in transition.

Since the German reunification, Germany's second greenest major city has been the capital of Saxony-Anhalt, a business and logistics center, an internationally recognized location for science and research, and a sought-after conference and congress venue. With a good 230,000 inhabitants and more than 18,000 students from all over the world, Magdeburg is a city full of world history, colorfulness, sports, culture and thirst for knowledge - a future-oriented city between tradition and modernity.



