

## GENERAL INFORMATION

### Local organising committee

Ute Kolb (Mainz)  
Hans-Joachim Kleebe (Darmstadt)  
Leopoldo Molina-Luna (Darmstadt)  
Christian Kübel (Karlsruhe)  
Peter A. van Aken (Stuttgart)

### Scientific programme committee

Benjamin Butz (Siegen)  
Thomas Gemming (Dresden)  
Dagmar Gerthsen (Karlsruhe)  
Andreas Graff (Halle)  
Katharina Hipp (Tübingen)  
Christian Kübel (Karlsruhe)  
Andreas Rosenauer (Bremen)  
Carsten Sachse (Jülich)  
Peter A. van Aken (Stuttgart)

### Important deadlines 2022

31 JUL	Abstract submission
05 OCT	Review deadline
01 NOV	Notification of abstract acceptance
30 NOV	Early bird registration

### Registration

Please register online at [www.microscopy-conference.de](http://www.microscopy-conference.de).

### Conference fees

	Early bird 30 Nov 2022	Regular
Member DGE, EMS	240 EUR	290 EUR
Non-member	300 EUR	350 EUR
Student	90 EUR	110 EUR
Day ticket	150 EUR	
Accompanying person	120 EUR	150 EUR
Exhibitor	120 EUR	150 EUR

### Conference dinner\*

included

DGE = German Society for Electron Microscopy e.V.  
EMS = European Microscopy Society

\* for day ticket holder: 25 EUR

## GENERAL INFORMATION

### Venue

Darmstadtium  
Schlossgraben 1  
64283 Darmstadt

### Website

[www.microscopy-conference.de](http://www.microscopy-conference.de)

### Date

26 February–2 March 2023

### Conference chairs

Ute Kolb  
Phone +49 6131 39-24154 | [kolb@uni-mainz.de](mailto:kolb@uni-mainz.de)

Hans-Joachim Kleebe

Phone +49 6151 16-22314 | [kleebe@geo.tu-darmstadt.de](mailto:kleebe@geo.tu-darmstadt.de)

Technische Universität Darmstadt, Germany

### Lunchtime lectures and industrial exhibition

The MC offers a wide range of opportunities for exhibitions, lunchtime talks, advertisements and other marketing services, making it the perfect platform to present your company and products to an prestigious audience of around 1,000 experts from all over the world.



### Newsletter subscription!

Inform your colleagues about the MC 2023 and don't miss any information with our newsletter.

### Conference organiser

Conventus Congressmanagement & Marketing GmbH

Francesca Rustler

+49 3641 3116-406

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# MC2023

## DARMSTADT

## Microscopy Conference

26 FEBRUARY–2 MARCH 2023

DARMSTADT | GERMANY

## Call for Abstracts



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[www.microscopy-conference.de](http://www.microscopy-conference.de)

Organized by

DCE DEUTSCHE GESELLSCHAFT FÜR ELEKTRONENMIKROSKOPIE

DGE

German Society for  
Electron Microscopy e.V.



Dear colleagues, dear friends,

It is our great pleasure to officially invite you to the Microscopy Conference 2023, which will take place in Darmstadt, from February 26 to March 2, 2023.

We are very pleased that MC2023 will take place as a face-to-face event after the necessary restrictions due to the Corona pandemic. As in previous conferences of the German Society for Electron Microscopy (DGE), the MC2023 brings together leading experts and emerging young researchers to share their expertise and discuss current trends as well as newly discovered findings. Be a part of this exciting event and submit your scientific work via [www.microscopy-conference.de](http://www.microscopy-conference.de) until July 31, 2022.

Apart from a new date, this time at the beginning of the year, the scientific programme of the conference will again focus on the latest research in materials science, life sciences and instrumentation and methods. Each main theme is divided into seven thematic sessions covering invited and contributed talks as well as poster sessions. Plenary lectures, award ceremonies, an industrial exhibition as well as the conference dinner will complement the programme.

We are looking forward to a stimulating scientific and social event and to welcoming you in Darmstadt, the city of science and art nouveau!

Kind regards

Ute Kolb & Hans-Joachim Kleebe  
Conference chairs MC 2023

	Sun 26 Feb	Mon 27 Feb	Tue 28 Feb	Wed 1 Mar	Thu 2 Mar
		Opening & Plenary 1	Plenary 2 + 3	Ernst Ruska Lectures	Harald Rose Lecture & Plenary 4
		Opening Industrial Exhibition	Coffee Break		
	MS 1	LS 1 IM 1	MS 2 LS 2 IM 2	MS 4 LS 4 IM 4	MS 6 LS 6 IM 6
	Break & Lunchtime Lectures (12:45–13:45)				
	Poster Presentations	Poster Presentations	Poster Presentations	MS 7 LS 7 IM 7	
Registration	Exhibitor's Presentations	MS 3 LS 3 IM 3	MS 5 LS 5 IM 5	Closing & Farewell	
	Networking within the Exhibition	Workshops			
Welcome Reception	Individual cultural programme or Invitation by Sponsor				Conference Dinner

### Conference topics

A detailed description of all listed sessions can be found online.

#### Materials science (MS)

- MS 1 Energy-related materials and catalysts
- MS 2 Metals and alloys
- MS 3 Low-dimensional and quantum materials
- MS 4 Functional thin films
- MS 5 Functional organic materials
- MS 6 Geoscience and construction materials, cultural heritage
- MS 7 Ceramics and composites

#### Life sciences (LS)

- LS 1 High-resolution cryo-EM
- LS 2 Cryo-tomography
- LS 3 Imaging of large volumes and plastic section tomography
- LS 4 Image analysis of large data sets
- LS 5 Correlative and multimodal microscopy
- LS 6 Pathology, pathogens and diagnostics
- LS 7 Advances in sample preparation

#### Instrumentation and methods (IM)

- IM 1 Progress in instrumentation and ultrafast EM
- IM 2 Spectroscopy
- IM 3 SEM and FIB developments
- IM 4 Development of cryo-EM instrumentation and techniques
- IM 5 Quantitative image and diffraction data analysis
- IM 6 Phase-related techniques & 4D STEM
- IM 7 In situ/operando electron microscopy

#### Workshops

- Workshop 1 Data management
- Workshop 2 Tricks and pitfalls for FIB sample preparation in materials and life sciences
- Workshop 3 DGE young microscopists symposium

The scientific programme will offer a variety of plenary lectures, scientific talks and poster sessions as well as workshops covering the topics above.

Please submit your abstracts until **31 July 2022** online at

[www.microscopy-conference.de](http://www.microscopy-conference.de)