

## GENERAL INFORMATION

### VENUE

Leibniz University Hannover  
Callinstraße 3–9  
30167 Hannover (Germany)

### DATE

10–13 March 2025

### ORGANISER

German Crystallographic Society (DGK)



### CONFERENCE CHAIR

apl. Prof. Dr. rer. nat. Claus Rüscher  
*Leibniz University Hannover (Germany)*

### LOCAL ORGANISERS

Dr. Yasar Krysiak  
Prof. Dr. Armin Feldhoff  
Prof. Dr. Jesko Köhnke  
Dr. Hilke Petersen  
*Leibniz University Hannover*

### SAVE THE DATE!

We kindly request your active support by submitting your scientific contributions from all areas of crystallography.

### CONFERENCE HOMEPAGE

All information about DGK 2025 can be found on the congress homepage [www.dgk-conference.de](http://www.dgk-conference.de).



### CONFERENCE ORGANISATION AND INDUSTRIAL EXHIBITION

Conventus Congressmanagement & Marketing GmbH  
Jessica Kolb  
Phone +49 3641 31 16-341  
[dgk-conference@conventus.de](mailto:dgk-conference@conventus.de)  
[www.conventus.de](http://www.conventus.de)

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Leibniz  
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Hannover



33<sup>rd</sup> ANNUAL MEETING  
of the GERMAN  
CRYSTALLOGRAPHIC  
SOCIETY (DGK)

CALL FOR ABSTRACT

10–13 MARCH 2025  
HANNOVER

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

## ABSTRACT TOPICS

### SUBMIT YOUR ABSTRACT NOW!

All guidelines and submission information can be found online at [www.dgk-conference.de](http://www.dgk-conference.de).

We cordially invite you to submit your research results and scientific contributions on the following topics:

- Young crystallographers: Lightning talks
- Teaching of crystallography
- Advances and applications of neutron and synchrotron radiation
- Electron diffraction method development and instrumentation
- Spectroscopy in crystallography
- Non-ambient conditions
- New trends in quantum crystallography
- Advanced computational methods in crystallography (artificial intelligence, materials modelling, ...)
- Theory of aperiodic and complex structures
- Software developments for crystallography
- Structural biology meets chemistry
- Hot biostructures
- Serial crystallography
- Structure-based drug discovery
- Methods in structural biology
- Frontier molecular crystallography
- Supramolecular and framework structures
- Charge density distribution from diffraction data
- Aperiodic and complex structures
- New Crystal structures
- Nanoscale magnetic materials
- Topological materials
- Anisotropic physical properties of solids
- Biomineralization/crystallization
- Mineral storages, hydrogen and CO<sub>2</sub> sequestration, reactivities, diffusion, surface activities and physical properties
- Crystal Chemistry, high-pressure crystallography
- Amorphous and crystalline fractions in minerals
- Cosmochemistry
- Advanced functional materials
- Industrially relevant materials
- Porous materials
- Crystalline/non-crystalline materials, relationships
- Inorganic polymers
- Microstructure-property relationships

- Properties of disordered materials
- In situ/operando studies of functional materials
- Free topics

**ABSTRACT DEADLINE:** 1<sup>st</sup> NOVEMBER 2024

## WELCOME TO HANNOVER

More than half a million people call Hannover their home and the city's welcoming atmosphere is appreciated worldwide. From pioneering architecture and excellent infrastructure to highly attractive nature reserves, the Hannover Region offers around 1.1 million inhabitants the perfect blend of urbanity and relaxation. The city welcomes people from all over the world to trade fairs, congresses, festivals, sporting events and concerts. It is especially worth mentioning that Hannover is one of the biggest industrial and IT trade fair cities.

Authentic, down-to-earth, relaxed – Hannover impresses with the perfect mix for visitors! The large pedestrian zone is a true shopping paradise with shopping centres and large flagship stores, while the old town invites you to enjoy a walk through medieval alleyways and take a break in one of the many cafés. The perfection of garden art can be experienced in the Royal Gardens of Herrenhausen or in one of Germany's most spectacular zoos, the Hannover Adventure Zoo. You can also go jogging through the Eilenriede, enjoy the Mediterranean flair of the Maschsee or relax on the banks of the River Leine. Large and unusual events such as the Maschseefest, the Schützenfest and open-air concerts delight visitors, as do nature experiences in the forest and on the water.

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