

► NUMBER OF PARTICIPANTS

The number of participants is restricted to 500. Active participants and members of the division will be preferentially registered.

► CONFERENCE PROGRAM

The final program will be available in May 2025. The digital program will be available at:

www.gdch.de/icccm2025

► SOCIAL PROGRAM

Munich, a vibrant metropolis in southeastern Germany, boasts numerous attractions, rich cultural diversity, and recreational areas like the renowned Nymphenburg Palace. Complementing the scientific program, an engaging social itinerary—including a welcome reception, networking events with exhibitors, guided tours, and a conference dinner—will offer ample opportunities for participants to connect and interact throughout the conference.

More information about the city can be explored on the official website of Munich: www.muenchen.travel. More details on the social program will be available in May 2025.

► ACCOMMODATION

Munich and Garching offer a very good public transport system and you have different connections to the conference location. The international airport Munich can be reached by train within one hour. You can choose from plenty of hotels within the city, but there is also prereserved accommodation near the conference location. You will get more information with the program in 2025.

www.gdch.de/icccm2025

► INFORMATION ABOUT THE SCIENTIFIC PROGRAM

Prof. Dr. Torben Gädt
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► LOCAL ORGANIZATION

Maria Mehrbrodt
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Department of Chemistry
TUM School of Natural Sciences
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Email: maria.mehrbrodt@tum.de

► CONFERENCE SECRETARY

GESELLSCHAFT DEUTSCHER CHEMIKER e.V.
Claudia Birkner – Event Team
P.O. Box 90 04 40
60444 Frankfurt am Main - Germany
Phone: +49 69 7917-366
Email: tg@gdch.de
Internet: www.gdch.de/tagungen

Executive Director: Dr. Tom Kinzel
Registernummer beim Vereinsregister: VR 4453 · Registergericht Frankfurt am Main
(date: November 2024/tg)



Fachgruppe Bauchemie
Chemistry of Construction Materials Division

5th International Conference on the Chemistry of Construction Materials

September 8 - 10, 2025
Garching, Germany



www.gdch.de/icccm2025



The Division of the Chemistry of Construction Materials (Fachgruppe Bauchemie) of the German Chemical Society; GDCh (Gesellschaft Deutscher Chemiker e.V.) invites you to participate in the

**5th International Conference on
the Chemistry of Construction Materials (5th ICCCM)**
September 8 -10, 2025 in Garching, Germany

► CONFERENCE LOCATION

Technical University Munich (TUM)
TUM School of Computation,
Information and Technology
Friedrich L. Bauer Lecture Hall
Boltzmannstr. 3
85748 Garching, Germany

► AIM OF THE CONFERENCE

The conference aims at providing an inspiring forum for scientists from university, research facilities and industry to present results, to discuss and to focus on the forthcoming challenges. Interdisciplinary presentations in all fields of construction materials science will show the many different perspectives of the topic.

► SCIENTIFIC COMMITTEE

T. Gädt	Garching/DE
A. Gerdes	Karlsruhe/DE
A. Machner	Garching/DE
H. Manzano	Leioa/ES
A. Osburg	Weimar/DE
A. Perrot	Lorient/FR
A. Reinschmidt	Essen/DE
B. Rossbach	Burghausen/DE
G. Sant	Los Angeles/US
O. Weichold	Aachen/DE

► MAIN FOCUS OF THE CONFERENCE

The full topical breadth of the chemistry of construction materials shall be represented during the conference. Researchers from universities and industry are welcome to give presentations. Conference topics include:

- **Chemistry of Inorganic Binders**
 - Portland Cement Hydration
 - Calcined Clays, and new SCMs
 - Geopolymers
 - Magnesium cements, Calcium Aluminate cement, Calcium Sulfoaluminate cements
 - Carbonation curing
 - Gypsum based binders
- **Admixtures and Additives**
 - Superplasticizers
 - Retarders and accelerators
 - Polymer latices
 - Biopolymers
- **Properties of Fresh and Hardened Construction Materials**
 - Durability: Physical, chemical and biological damage mechanisms
 - Rheology of construction materials
 - Elastic properties and microstructure of construction materials
- **Organic Building Materials**
 - Wood
 - Coatings and Adhesives
 - Polymers
- **Digitalization**
 - Numerical modeling of chemical, physical and biological processes
 - Thermodynamic modeling
 - Data Science and Machine-Learning
 - Chemical reactivity control in 3D printing of concrete

► ABSTRACT SUBMISSION

The Scientific Committee cordially invites you to submit scientific contributions to the 5th ICCCM. Please submit abstracts through our website:

www.gdch.de/icccm2025

Please adhere to the abstract guidelines given on the website. An abstract template for submission of contributions will be provided for authors. No revisions or corrections will be made by the editorial team. The Scientific Committee reserves the right to accept or reject papers, and to assign them to oral or poster sessions.

► DEADLINES

Submission of abstracts	January 22, 2025
Notification of abstract acceptance	April 2025
Deadline for last-minute poster	July 31, 2025

► SCHOLARSHIP

The Division of the Chemistry of Construction Materials awards a limited number of travel grants to B.Sc., M.Sc., and PhD students with active contributions to the conference (oral presentation or poster).

For detailed information, please check www.gdch.de/bauchemie under "scholarship program".

www.gdch.de/bauchemie

Application Deadline: **August 18, 2025**