



13 – 17 September 2026
Berlin & Online

DGM

Call for Abstracts Open

Deadline: 31 January 2026



The 20th International Conference on Aluminium Alloys (ICAA 20) will bring together the global aluminium research community to discuss advances in alloy science, processing, and digital methods including AI. Emphasising collaboration between academia and industry as well as the involvement of early-career researchers, the conference will take place in 2026 at the Henry-Ford-Bau in Berlin.

Submit Your Abstract

ICAA 20 offers an excellent opportunity to present your latest **research on aluminium alloys** to an **international expert audience** and to engage in exchange with colleagues from **academia and industry**. Whether it's innovative alloy design, advanced processing technologies, or applications in key sectors – your contribution helps shape the future of aluminium research.

We warmly invite you to submit your abstract for a lecture or poster and actively contribute to the scientific programme of ICAA 2026. Early-career researchers are especially encouraged to participate. Abstract submission is non-binding; no booking is required until your contribution is confirmed.

Submission deadline: 31 January 2026

Topics:

A: Additive Manufacturing of Al Alloys

B: Advanced Characterization

C: Aerospace and Automotive Industry

D: Artificial Intelligence and Machine Learning for Alloy Development

E: Casting, Solidification, and Joining

F: Corrosion and Environment Sensitive Fracture of Al Alloys

G: Deformation Behavior and Mechanical Properties

H: New Directions in Alloy Design

I: New Markets and Applications

J: Phase Transformations

K: Modeling and simulations (processes and products)

L: Sustainability in Design and Recycling

Submit until 31 January 2026



We look forward to seeing you in Berlin or online.

Conference Organizer:

Deutsche Gesellschaft für Materialkunde e.V.

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