



24./25.09.2025

# International High-Performance Mining Conference 2025

The Future is now: Capability, Collaboration and Technology  
to enable responsible Mine Production



# Dear Members of the global Mining Community,

I'm excited to announce the 4th International Conference on High-Performance Mining (HPM), taking place on 24./25.09.2025 at the Super C, located on the premises of RWTH Aachen University.

This year's conference continues our mission to inspire change in the global mining industry and make the mine of the future tangible. Over the course of two days, we will explore benchmark projects that showcase cutting-edge advancements in technology innovation, deployment, process optimization, and responsible mining practices.

The program is designed to spark thought-provoking discussions around current trends in automatization, digitalization, electrification, and the human-centered, climate-smart mine of the future. Beyond technical innovations, sessions will also address the importance and possibilities of an integration of people, technology, and the environment in innovation and transformation processes.

As an international platform for forging new connections and partnerships, the HPM 2025 will offer abundant networking opportunities in our exhibition area and our exclusive evening reception and enable you to connect with global experts and partners from across the mining industry.

It would be my pleasure to welcome you in Aachen in September!

Kind regards,  
Univ.-Prof. Dr.-Ing. Elisabeth Clausen  
Conference Host  
Director, Institute for Advanced Mining Technologies  
RWTH Aachen University







# High Performance Mining

An RWTH Aachen University event

## Why Attend?

### Be a Part of Mining's Global Future!

- Inspiring Innovations:  
Learn from case studies and success stories, presented by mine operators, technology providers, and researchers.
- Integrated Approaches:  
Explore solutions that address challenges by aligning people, technology, and environmental considerations.
- Exceptional Networking Opportunities:  
Strengthen your network during coffee and lunch breaks, the exhibition area, and the evening reception.

With a program designed to foster innovation and collaboration, the HPM 2025 provides a unique platform to showcase your company, products, and services, form new partnerships, and connect with industry and research experts from around the world. Networking opportunities abound in the exhibition area, during coffee and lunch breaks, and at the evening reception.

Over two days, the conference program will offer cutting-edge themes such as automation, digitalization, and electrification within the broader vision of a human-centered, climate-smart mine. Presentations and discussions emphasize an integrated approach, considering people, technology, and the environment, with many sessions featuring collaborative case studies jointly presented by mine operators and suppliers or research partners.

The International Conference on High-Performance Mining is a must-attend event for everyone who is actively engaged in shaping the future of the mining industry towards sustainable, smart, and innovative practices that unite humans, technology, the environment and society in a holistic manner.



# Program Overview

**September 24 – 25, 2025,  
Super C, RWTH Aachen University**

This year's 4th International Conference on High-Performance Mining (HPM) is dedicated to responsible and future-oriented mining practices. Under the heading “The Future is now: Capability, Collaboration & Technology to enable Responsible Mine Production”, we will be addressing the industry's most pressing issues – from responsible raw material extraction and sustainable production processes to the role of automation and digitalization on the way to a networked, integrated and socially acceptable mine of the future.

In addition to technical innovations, a central concern of HPM 2025 is the sustainable supply of raw materials in Europe – a topic that is becoming particularly important in view of global challenges and a changing market. Digital technologies, autonomous systems and advanced approaches in the electrification of mining serve as key drivers for making production processes not only more efficient, safer and more environmentally friendly, but also meeting the increased demands for sustainability and social acceptance.

Interactive panel discussions will also shed light on the need for further innovations that are required to master the complex challenges facing the industry. New approaches and interdisciplinary solution strategies will be presented to show how people, processes and technology can work together as an integral unit to set the course for future-oriented mining production.

HPM 2025 offers you not only high-quality presentations, but also interactive formats in which you can discuss the paths to sustainable and innovative mining production with international experts.

**The future is now - be part of it and shape it!**





# Conference fees

Learn more about the conference fees and secure your spot at HPM 2025!

Regular	475 €
Regular – Early Bird (until 15.07.)	425 €
Reduced (public institutions, authorities, speaker)	375 €

Secure your spot here: <https://tinyurl.com/HPMCON>



# Accommodation

Book your accommodation conveniently through our hotel portal for HPM 2025 participants.

[www.aachen-tourismus.de/HPM2025](http://www.aachen-tourismus.de/HPM2025)

A map of Aachen, Germany, showing the locations of several hotels. The map includes labels for 'Aachen West', 'Ponttor', 'Rathaus Aachen', 'Westpark', and 'Hauptbahnhof'. Hotels are marked with location pins and color-coded: red for 'Super C' and 'Forum M', and black for others. Callout boxes provide details for each hotel.

**Parkhotel Quellenhof Aachen**  
Monheimsallee 52  
The Parkhotel Quellenhof Aachen welcomes you in the heart of the city, right next to the Eurogress congress center and the Kurpark.

★★★★★  
**INNSiDE Aachen**  
Sandkaulstraße 20  
The INNSIDE by Melia Aachen is located in the middle of Aachen, a stone's throw from the main tourist attractions.

★★★★★  
**Aquis Grana Cityhotel**  
Büchel 32  
Boasting a privileged location within the centre of the historic old town of Aachen, the Aquisgrana Cityhotel features a total of 98 modern and comfortably furnished non-smoking rooms.

★★★★★  
**Minx-City Hotels**  
Seilgraben 2 / Sandkaulbach 14  
The non-smoking 3-star-superior Hotel is located in the centre of Aachen, each a 7-minute walk to the Cathedral and Eurogress Congress Centre.

★★★★★  
**B&B Hotel Aachen-City**  
Großkölnstraße 57-63  
The hotel, opened in September 2020, offers 144 air-conditioned rooms in the historic city center. Free Wi-Fi and Sky TV are included.

★★★★★  
**Mercure Hotel Aachen am Dom**  
Peterstraße 1  
Just a stone's throw away from Aachen's most popular attractions there is the 3-star-superior Hotel Mercure Aachen am Dom.



# Event Venue – Super C @ RWTH Aachen

The Super C at RWTH Aachen University offers a modern and dynamic venue that reflects the university's commitment to excellence and innovation. As one of Europe's leading technical universities, RWTH Aachen is renowned for its cutting-edge research and strong industry connections, consistently ranking among the top institutions globally for engineering and technology. Its status as a hub for interdisciplinary collaboration and groundbreaking advancements makes it the perfect setting for the International Conference on High-Performance Mining, bringing together global experts to shape the future of industry.



## Publishing Information

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