

Chose your Language



Conference Program

93rd AIKW-Conference, Siegen / Germany
Hüttensaal in the Siegerlandhalle
Koblenzer Straße 151, 57072 Siegen

Wednesday, 24th September 2025

18.00 h AIKW Board meeting at the Amedia Hotel Siegen

Thursday, 25th September 2025

07.30 h Opening of the conference office and registration Hüttensaal in the Siegerlandhalle via the Leonhard-Gläser-Saal entrance

LECTURE COURSE

08.15 h Welcoming address by the AIKW presidency to the participants

08.25 h Roland Krenzel
President of the AIKW
Looking back on 75 years of AEK / AIKW

09.00 h Matthias Schmidtchen, Anna Guk, Max Weiner, Christoph Renzing, Max Stirl,
Richard Pfeifer, Ulrich Prahl
TU Bergakademie Freiberg, Institut für Metallformung / Germany
Andreas Gruhl, Darius Sosin, Ralf Ihle, Piero Fritella
Elbe Stahlwerke Feralpi GmbH
Matteo Gili, RINA Consulting - CSM S.p.A.

Influence of electric-fossil combined heating on the total energy demand and the microstructure development in break down passes

- 09.35 h **Coffee break**
- 10.15 h Michał Dziejcz, Stanisław Turczyn, Zbigniew Kuźmiński, Ryszard Okoń
AGH University of Science and Technology, Kraków / Poland
New roll pass design for heavy-gauge square bars rolling with narrowed dimension tolerances in the heavy mill
- 10.50 h Michael Molter
Saarstahl AG, Völklingen / Germany
Gerald Rothenbucher
Plansee SE, Reutte / Austria
Design of asymmetrical solid cross-sections with "PyRoll" and use of a Jupyter notebook template for rolling mill process calculations
- 11.25 h Hans-Willi Raedt, Prosimalys GmbH / Germany
Vitaliy Belugin, QForm Group
A Full-Cycle Digital Twin of Rail Manufacturing: From Roll Pass Design to Differential Quenching and Straightening
- 12.00 h **Lunch Buffet**
in the Siegerlandhalle
- 13.15 h Alberto Nardini, Rocco Dragonetti
POMINI Long Rolling Mills S.r.l. / Italy
Ahmed Khafagi
Qatar Steel Company Q.P.S.C. / Qatar
Revolutionizing Triple Slitting Technology for Rebar 16 mm in the rolling and groove process design: QATAR Steel & POMINI Long Rolling Mills technologies
- 13.50 h Santino Keusemann
KOCKS Measure + Inspect GMBH & CO. KG / Germany
4D Eagle S: The Integration of Machine Learning for Enhanced Hot Surface Inspection and Quality Control of Long Products
- 14.25 h Anders Lugnet, Ludovic Gailleton
Ovako Sweden AB / Sweden
Joachim von Schéele
Linde plc Hydrogen Combustion / Germany
Using 100% Hydrogen on an Industrial Scale to Reheat Steel Before Rolling
- 15.00 h **Coffee break**

15.35 h	Thomas Möller Introduction to the factory tour of the wire rod mill of DEW in Hagen
15.50 h	Steffen Abel Introduction to the factory tour of the bar mill of DEW in Siegen Geisweid
16.05 h	Petrico von Schweinichen Introduction to the factory tour of the roll foundry Irle GmbH in Netphen
16.20 h	Karsten Weiß Introduction to the factory tour of the SMS workshops in Hilchenbach
16.35 h	Christian Trappmann Introduction to the factory tour of the rolling mill for special sections at Mannstaedt Werke in Troisdorf
16.50 h	Information on the programme of the evening event and the factory tours
17.00 h	End of lecture course

EVENING PROGRAM

18.00 h	Departure of the coaches from the hotels to Biggensee. The Biggetal dam is one of the largest dams in Germany with a water surface area of approx. 8.5 km ² .
18.30 h	Boarding of the ship “EMS Westfalen” Dinner with cruise on the Biggensee
23.30 h	End of the evening program, return journey of the buses to the hotels

Friday, 26th September 2025

VISITING PROGRAM

For the factory tours only a limited number of places is available. The assignment of the factory tours is made according to the date of receipt of the conference registration. The factory tours can be made by bus only, private cars are not allowed. The buses for the factory tours start at the Siegerlandhalle with a stopover at the Hotel Concorde.

Please note: Bus A is already fully booked.

8.00 h - Departure **Bus A, DEW Hagen**
Wire rod mill, roll shop, finishing shop, possibly bright shop

Distance approx. 87 km, travel time approx. 1 h 30 min

Return to the conference hotel (approx. 13.30 h)

Please note: Bus B is already fully booked.

8.45 h - Departure **Bus B, DEW Siegen-Geisweid**

Bar mill, steel bar finishing lines, bright shop

Distance approx. 10 km, travel time approx. 15 min

Return to the conference hotel (approx. 11.30 h)

8.40 h - Departure **Bus C, Irle Rolls**

Netphen-Deuz Roll foundry

Distance approx. 13 km, travel time approx. 20 min

Return to the conference hotel (approx. 11.30 h)

9.00 h - Departure **Bus D, SMS group GmbH**

Hilchenbach Workshops

Distance approx. 20 km, travel time approx. 30 min

Return to the conference hotel (approx. 12.00 h)

Please note: Bus E is already fully booked.

8.10 h - Departure **Bus E, Mannstaedt GmbH Troisdorf**

Rolling mill for special sections

Distance approx. 88 km, travel time approx. 1 h 30 min

Return to the conference hotel (approx. 13.30 h)

Important Notes:

The participants of the conference are responsible for their own safety. The visited companies and the AIKW exclude any liability for accidents during the conference and the factory tours.

By registering for a factory tour, you authorise us to pass on your name and company affiliation to the company you are visiting. **The companies reserve the right to exclude individual persons from the factory tour.**

No claims against AIKW can be raised concerning the participation in factory tours and bus transportations.

Please take into consideration a sufficient time gap from the end of the factory tour to your flight departure, as there may be delays in the return journey on the roads.

