



Heavy-Duty Engines 2025

Commercial Vehicles | Agricultural and
Construction Machinery | Marine

18 – 19 November 2025
Colmar, France

Call for Papers
Apply online now

Submission of proposals
no later than
7 May 2025

Impressions



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HIGHLIGHT

Tour of the Liebherr-Components Colmar SAS
and Liebherr-Mining Equipment Colmar SAS plants

Identify and utilize synergies effectively

/ COMMERCIAL VEHICLES AND MOBILE MACHINERY

Sustainable powertrains, application-specific solutions, components

/ LARGE ENGINES

Gensets, dual and multi-fuel engines, marine propulsion systems

/ ENVIRONMENTAL IMPACT

CO₂ reduction, exhaust gas aftertreatment, alternative fuels

SCIENTIFIC DIRECTOR

Prof. Dr. Michael Günthner

University of Kaiserslautern-Landau (RPTU)



Dr. Alexander Heintzel
Editor-in-Chief ATZ | MTZ Group,
Springer Nature

Welcome

The challenges facing the heavy-duty segment can hardly be overcome in isolation. Instead, it is much more important to analyze solutions from the various fields of application and then to identify synergies in a targeted manner. The aim for all applications must be to generate solutions that promote sustainability. In some areas, this may be achieved by electrification, but, on a larger scale, other approaches must be pursued to reduce emissions effectively. The conference "Heavy-Duty Engines" will provide access to a network of high-ranking specialists.

At this MTZ Conference, engine developers and designers of commercial vehicles, mobile machines, marine, and stationary equipment will meet to exchange information about the very latest developments. The 20th conference will be supplemented by tours of the Liebherr-Components and Liebherr-Mining Equipment plants.

On behalf of the Scientific Advisory Board, I cordially invite you to present the latest research and development results of your company/institute. Details for your presentation submission can be found in this Call for Papers.

We are looking forward to your participation.

For the Scientific Advisory Board

Stay at the cutting edge!

- ✓ Highly relevant technical papers presented by renowned speakers
- ✓ Networking in the international expert community
- ✓ Innovative products and services

Heavy-Duty Engines

Manufacturers of heavy-duty engines and related components face mounting pressures: they are expected to meet rising demands for engine output, while also reducing fuel consumption, emissions, and assembly space.

New concepts for engines, emissions reduction, and drivetrain optimization are called for in order to overcome these challenges. Combining presentations, in-depth discussions, and networking possibilities among experts, the international MTZ Conference "Heavy-Duty Engines" offers you the ideal platform.



Participants

The MTZ Conference "Heavy-Duty Engines" is aimed worldwide at experts from engine and vehicle manufacturers in the fields of commercial vehicles, mobile machinery, stationary and marine engines, suppliers and development partners, teaching staff and research assistants from universities, representatives of authorities and associations and engineers active in these fields.

Media partners



Scientific Advisory Board

Our Scientific Advisory Board, which is made up of prominent figures from the relevant field, provides support during the planning phase of the conference and helps to identify suitable topics.

With its expertise the board will make a valuable contribution to the choice of themes for the lecture program.



Prof. Dr. Michael Günthner
University of
Kaiserslautern-Landau (RPTU)

Scientific Director of the Conference

David Bennet
Ricardo plc

Rolf Brück
Emitec Technologies GmbH

Prof. Dr. Bert Buchholz
University of Rostock

Dr. Heiner Bülte
DEUTZ AG

Bernd Danckert
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Purem GmbH

Martin Urban
Rolls-Royce Solutions GmbH

Dr. Ioannis Vlaskos
Winterthur Gas & Diesel Ltd.

Dr. Marco Warth
MAHLE GmbH

Wolfgang Weller
Daimler Truck AG

Engines and Powertrains for Commercial Vehicles and Non-Road Mobile Machinery

- Development trends
- Sustainable powertrains
- New engines and components
- Exhaust aftertreatment

Large Engines for Power Generation and Marine

- Gas and hydrogen technologies
- Dual and multi-fuel applications
- Hybridization measures

Combustion Processes, Air and Fuel Systems

- Fuel and gas injection systems
- Mixture formation and combustion
- Supercharging
- Emission reduction

Engine and System Optimization

- Mechanical optimization, friction reduction
- Engine control
- Measurement technology, simulation, development methods

Energy Supply

- Charging infrastructure
- Provision of liquid and gaseous energy carriers

Political Framework

- Legislation
- Government funding

Your presentation platform

Take this opportunity to present your latest products and services to the specialist audience: as an exhibitor in our exclusive exhibition and/or as a sponsor with an attractive advertising presentation. Make use of this industry meeting place to make valuable contacts with customers.

For information on the various presentation options, please contact:

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Further information and online submission of your proposal:



www.atzlive.com/heavyduty

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no later than
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Are you interested in presenting a paper on one of these subjects?

If so, please submit a short version of your paper via the online portal to the event page indicated.

Your submission proposal in English (please submit documents in PDF) should contain:

- The title of the paper
- The name of the speaker with job title, company address, telephone number and e-mail address
- The name of any co-authors with company address
- The main points and a brief summary of the paper's contents (abstract)
- Brief summary of the innovative value of the work
- Classification under one of the main subject areas

On the basis of the short version of the paper, the Scientific Advisory Board for the conference will decide on its acceptance.

Information on the conference

The time allowed for presentation is 20–25 minutes with a subsequent discussion. The registration fee will be waived for one speaker per paper presented. The language of the manuscripts and slides is English.

Schedule

Deadline for submission proposals: **7 May 2025**
Notification of the authors: **End of June 2025**
Submission of final manuscripts: **17 October 2025**
The final conference program will be published in August 2025.