

10^{years} international engine congress

Meeting Place for the Powertrain and Sustainable Fuels Community



PC



CV



Fuels

28 February and 1 March 2023
Baden-Baden | Germany

with accompanying trade exhibition

You can also
take part
virtually via our
live stream



Main topics

- Climate-friendly internal combustion engines from a global perspective
- Internal combustion engines and fuels as a complete system:
CO₂ neutrality, emissions, electrification
- The use of hydrogen and synthetic fuels
- Cross-sector life cycle considerations

Panel discussion

Energy mix for the mobility of the future

Top speakers



Prof. Dr. Christian Beidl, TU Darmstadt | **Pierre Olivier Calendini**, Aramco Fuel Research Center, France | **Dr. Günter Fraidl**, AVL List GmbH, Austria | **Christian Höllinger**, Shell Austria GmbH, Austria | **Prof. Dr. Thomas Koch**, Karlsruhe Institute of Technology (KIT) | **Elmar Kühn**, UNITI German Association of Small and Medium-Sized Petroleum Companies | **Jürgen Lehmann**, Daimler Truck AG | **Dr. Markus Müller**, DEUTZ AG | **Siegfried Pint**, AUDI AG | **Dr. Thomas Schlick**, Roland Berger GmbH | **Dr. Frank-Steffen Walliser**, Dr. Ing. h.c. F. Porsche AG

10 years international engine congress

A WARM WELCOME TO ALL PARTICIPANTS

The political target in Europe is to ban vehicles powered by internal combustion engines from 2035 in order to achieve zero emissions in the transportation sector stage by stage via the "Fit for 55" package of measures. What remains unresolved in the ongoing debate is the necessary discussion between the political, scientific, and social stakeholders on the integration of electrofuels and therefore on a sector-linked assessment in the final legislation.

But with this approach, is Europe now isolating itself from the technology-neutral solutions of the leading economies in the competition between science, industry, and value chains? Effective climate change not only needs speed and competition between innovative technologies, but also requires economic considerations that are equally important.

At the 10th International Engine Congress, we bring together the current state of comprehensive scientific and technological knowledge in the overall system of non-fossil fuels and the potential of the combustion engine.

Stay abreast of current trends and benefit from a lead in knowledge!

- You can expect international speakers as well as top-level presentations and panel discussions
- The congress is a great opportunity to "network" – the evening event for the engine community offers stimulating discussions in an informal atmosphere
- The trade exhibition, held in parallel, provides ample information about innovative products and services in the field of combustion engine development

We look forward to your participation.

On behalf of the program advisory boards

Prof. Dr. Peter Gutzmer
Scientific Director of the Congress,
Editor-in-Charge ATZ | MTZ Group

THE INTERNATIONAL ENGINE CONGRESS AS A HYBRID EVENT



You have the choice:
attend the congress in person or take part via our live stream

The streaming package includes **all keynote, impulse, and plenary presentations as well as the panel discussion and all presentations of the parallel sessions "passenger car engine technology", "commercial vehicle engine technology" and "sustainable fuels & energy"**.

The digital event platform with the live stream offers you Q&A functions, 1:1 video chats with participants, exhibitors, and speakers, as well as live opinion surveys, your personal program overview, a virtual exhibition, and other useful functions.

You can find detailed information on our website.



ENGINE COMMUNITY EVENING

As every year, ATZlive and VDI Wissensforum invite you to round off the first day of the International Engine Congress with a get-together in Baden-Baden. You can look forward to interesting conversations with colleagues over dinner and have the opportunity to expand your network

Tuesday, 28 February 2023, 19:00 h

PROGRAM ADVISORY BOARDS

PASSENGER CAR ENGINE TECHNOLOGY



Prof. Dr. Peter Gutzmer
Editor-in-Charge
ATZ | MTZ Group



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Graz University of
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Gasoline Engine/ Simulation
Powertrain, AUDI AG



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Engineering,
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Landau GmbH

COMMERCIAL VEHICLE ENGINE TECHNOLOGY



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TU Darmstadt



Dr. Markus Schwaderlapp
SVP Product
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DEUTZ AG



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Head of Fuel Based
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Dieter van der Put
Global Vice President
Commercial
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FEV Group GmbH



Jürgen Lehmann
Head of R&D
Engine & After-
treatment Systems,
Daimler Truck AG



Bernhard Raser
Vice President
Commercial Vehicles,
AVL List GmbH (A)

SUSTAINABLE FUELS & ENERGY



Karl Dums
Manager Politics
and Governmental
Affairs, Dr. Ing.
h.c. F. Porsche AG



Prof. Dr. Thomas Koch
Director of the
Institute, IFKM,
Karlsruhe Institute
of Technology (KIT)



Dr. David Bothe
Director, Frontier
Economics Ltd.



Dr. Wolfgang Warnecke
Adviser Carbon
Management, Shell
Deutschland GmbH



Dietmar Goericke
Managing Director,
FVW e. V.



Dr. Werner Willems
Technical Specialist
Powertrain
Combustion Systems,
Ford Forschungs-
zentrum Aachen GmbH



Prof. Dr. Kurt Kirsten
Head of Advanced
Engineering and
Innovation, APL
Automobil-Prüf-
technik Landau GmbH



SIMULTANEOUS INTERPRETING GERMAN → ENGLISH

ORGANIZERS

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www.ATZlive.com

VDI Wissensforum

www.vdi-wissensforum.de



MEDIA PARTNER

MTZ

PARTICIPANTS

The event is primarily aimed at engineers and technicians in the industry or those involved in research and teaching, who are engaged in the optimization of the traditional developmental areas of the combustion engine or the advancement of procedures and systems to produce conventional or renewable fuels and lubricants. The lectures will be equally attractive for chemists and biologists who work in this industry. The focus will be on both diesel and spark-ignition engines (gasoline/gas) for passenger and commercial vehicles and off-highway applications.

Tuesday, 28 February 2023

 **Breaks** 

11:00 Coffee break
13:15 Lunch
16:00 Coffee break

08:45 **Welcome and opening of the congress as well as introduction to the program of lectures**
Prof. Dr. Peter Gutzmer, Scientific Director of the Congress

KEYNOTE LECTURES I

 **Moderation:** Prof. Dr. Peter Gutzmer, ATZ | MTZ Group

Auditorium (Basement)

09:00 **The decarbonization of the automotive sector as a technology driver of the future**



Dr. Frank-Steffen Walliser, Vice President Complete Vehicle Architecture & Characteristics, Co-authors: Mourad Meziane, Karl Dums, all Dr. Ing. h.c. F. Porsche AG

10:00 **Our way to sustainable transportation**




Jürgen Lehmann, Head of R&D Engine & Aftertreatment Systems, Co-author: Gesa Reimelt, both Daimler Truck AG

09:30 **Transformation of passcar mobility – contribution of the existing fleet to the Paris Agreement**



Siegfried Pint, Head of Development Motion/Energy, Co-authors: Corentin Prie, Arne-Philipp Siemens, Jens Kühlmeyer, all AUDI AG

10:30 **Sustainable drive portfolio for the CO₂-free construction site**



Dr. Markus Müller, Member of the Executive Board, Chief Technology Officer, Chief Sales Officer, DEUTZ AG

11:45

parallel sessions

11:45 **PC engine technology**
Hydrogen engines




14:30 **PC engine technology**
International perspective




11:45 **CV engine technology**
Engines for future fuels



14:30 **CV engine technology**
Technologies for hydrogen engines



11:45 **Sustainable fuels & energy**
Defossilization of the transportation sector in Europe



14:30 **Sustainable fuels & energy**
Process technology



IN FOCUS: ENERGY MIX FOR THE MOBILITY OF THE FUTURE

 **Moderation:** Dr. Alexander Heintzel, Editor-in-Chief ATZ | MTZ Group,
Prof. Dr. Christian Beidl, Director of the Institute for Internal Combustion Engines and Powertrain Systems (VKM), TU Darmstadt

Auditorium (Basement)

16:30 **Energy transition in the transportation sector – what does it mean for the energy system?**



Jens Müller-Belau, Managing Director Energy Transition, Deutsche Shell Holding GmbH

16:45 **PANEL DISCUSSION**
Mobility of the future without internal combustion engine?

 **Carsten Müller**, Member of the German Bundestag, CDU/CSU Parliamentary Group

 **Dr. Markus Müller**, Member of the Executive Board, Chief Technology Officer, Chief Sales Officer, DEUTZ AG

 **Jens Müller-Belau**, Managing Director Energy Transition, Deutsche Shell Holding GmbH



 **Dr. Gérard de Nazelle**, Head R&D, Technology Oversight and Coordination, Saudi Aramco, Saudi Arabia

 **Siegfried Pint**, Head of Development Motion/Energy, AUDI AG

18:15 **End of the first day of the congress**

19:00 **Engine community evening**

Wednesday, 1 March 2023

 **Breaks** 

10:00 Coffee break
12:15 Lunch
14:30 Coffee break


09:00

parallel sessions

09:00 **PC engine technology**
Engine components



09:00 **CV engine technology**
Components for hydrogen engines



09:00 **Sustainable fuels & energy**
Simulation



PLENARY LECTURES

 **Moderation:** Karl Dums, Dr. Ing. h.c. F. Porsche AG


Auditorium (Basement)

10:45 **With e-fuels to affordable CO₂-neutral mobility**



Elmar Kühn, CEO, UNITI German Association of Small and Medium-Sized Petroleum Companies

11:45 **Hydrogen production based on Holland Hydrogen I**



Christian Höllinger, Hydrogen Mobility Platform Manager, Shell Austria GmbH, Austria, Co-author: Dr. Wolfgang Warnecke, Shell Deutschland GmbH

11:15 **Worldwide passcar technology and legislation trends – are we on an affordable and CO₂-efficient pathway?**



Dr. Günter Fraidl, Senior Vice President, Co-authors: Bernhard Enzi, Dr. Rittmar von Helmolt, Dr. Christian Martin, all AVL List GmbH, Austria


13:30

parallel sessions

13:30 **PC engine technology**
Simulation



13:30 **CV engine technology**
Application potentials



13:30 **Sustainable fuels & energy**
Industrial implementation




KEYNOTE LECTURES II

 **Moderation:** Prof. Dr. Peter Gutzmer, ATZ | MTZ Group


Auditorium (Basement)

15:00 **2030 ++: the future automotive powertrain in a global outlook**



Dr. Thomas Schlick, Senior Partner, Roland Berger GmbH

16:00 **A global view on the future role of e-fuels**



Pierre Olivier Calendini, Research Center Director, Aramco Fuel Research Center, France

15:30 **Powertrain technologies of the future – potentials and research needs**

Prof. Dr. Christian Beidl, Director of the Institute for Internal Combustion Engines and Powertrain Systems (VKM), TU Darmstadt, **Prof. Dr. Thomas Koch**, Director of the Institute for Piston Machines (IFKM), Karlsruhe Institute of Technology (KIT), Co-author: Prof. Dr. André Casal Kulzer, Institute of Automotive Engineering (IFS), University of Stuttgart

16:30 **Outlook and concluding remarks**
Prof. Dr. Peter Gutzmer, Scientific Director of the Congress



During the breaks you have the opportunity to visit the exhibition!

to the parallel sessions



Presentations
parallel sessions

Tuesday,
28 February 2023

**Breaks**

11:00 Coffee break

13:15 Lunch

16:00 Coffee break

PC engine technology

Kongress-Saal I (1st Floor)



HYDROGEN ENGINES

Moderation: Prof. Dr. Uwe Dieter Grebe, AVL List GmbH

11:45

H₂ engine hybrid powertrain for future light commercial vehicles

Dr. Jan Niklas Geiler, Project Manager, Co-authors: Dr. Peter Bloch, both Robert Bosch GmbH, Klaus Moritz Springer, Ford-Werke GmbH, Michael Blomberg, Chair of Thermodynamics of Mobile Energy Conversion Systems (TME) and Institute of Thermodynamics, RWTH Aachen University

12:15

Driving hydrogen engines towards a zero-impact emission level

Sebastian Roiser, University Project Assistant, Co-authors: Stefan Beringer, Dr. Eberhard Schutting, Prof. Dr. Helmut Eichseder, all Institute of Thermodynamics and Sustainable Propulsion Systems (ITnA), Graz University of Technology, Austria, Tobias Rabe, Ilona Krinn, both Robert Bosch GmbH, Dr. Katja Adelmann, Umicore AG & Co. KG

12:45

Application of a hydrogen powertrain on a light commercial vehicle

Dr. Gavin Dober, Manager Combustion and System Analysis, BorgWarner Inc., Luxembourg, Co-authors: Mathieu Da Graca, Emmanuel Ouali, Laurent Doradoux, all BorgWarner Inc., France



INTERNATIONAL PERSPECTIVE

Moderation: Prof. Dr. Helmut Eichseder, Graz University of Technology

14:30

A study of abnormal ignition in a hydrogen combustion engine

Naoyoshi Matsubara, Assistant Manager, Carbon Neutral Development Div., Co-authors: Yoshinori Miyamoto, Shiro Tanno, all Toyota Motor Corporation, Yuya Abe, Denso Corporation, all Japan

15:00

Electrification strategy for China

Ingo Scholten, Vice President & CTO, Co-authors: Zhao Fucheng, Phil Newman, all Geely Powertrain Research Institute, China

15:30

Biofuels as a strategy for CO₂e reduction in Brazil

Roger Guilherme, Mechanical Engineer, Co-authors: Felipe Cifoni, both Volkswagen do Brasil, Brazil, Prof. Dr. Thomas Garbe, Volkswagen AG

CV engine technology

Forum (Ground floor)



ENGINES FOR FUTURE FUELS

Moderation: Prof. Dr. Christian Beidl, TU Darmstadt

11:45

Commercial engine concepts for the flexible use of low-carbon and sustainable fuels

Anton Arnberger, Technical Expert Commercial Gas Engines, Co-authors: Bernhard Raser, Martin Wieser, all AVL List GmbH, Austria, Janos Szabo, AVL List GmbH, Hungary

12:15

Liebherr's fuel injection portfolio strategy for future fuels

Patrick Send, Project Manager Generic Development, Co-authors: Dennis Herrmann, both Liebherr-Components Deggendorf GmbH, Richard PirkI, Mario D'Onofrio, both Liebherr Machines Bulle SA, Switzerland

12:45

FEV's pathway to an ICE powertrain powered by future fuels, achieving the maximum efficiency

Dieter van der Put, Global Vice President Commercial Powertrains, FEV Group GmbH, Co-authors: Dr. Kai Deppenkemper, Dr. Tolga Uhlmann, Dr. Dominik Lückmann, all FEV Europe GmbH



TECHNOLOGIES FOR HYDROGEN ENGINES

Moderation: Dr. Markus Schwaderlapp, DEUTZ AG

14:30

Influence of hydrogen combustion on engine components in full load operation

Christian Trabold, Project Manager Hydrogen Engines, Co-authors: Tino Gallas, both MAHLE GmbH, Dr. Peter Grabner, Kevin Gschiel, both Institute of Thermodynamics and Sustainable Propulsion Systems (ITnA), Graz University of Technology, Austria

15:00

Tribological challenges of the cylinder bore in H₂ ICEs

Hans-Peter Böhm, Manager R&D, Nagel Maschinen- und Werkzeugfabrik GmbH, Co-authors: Sebastian Duda, Christian Maisch, both ELGAN GmbH, Urban Morawitz, Daniel Schulz, both Ford-Werke GmbH

15:30

Resistant cast iron for a 50 % efficient hydrogen engine

André Ferrarese, R&D Director, Co-authors: Elio Augusto Kumoto, both Tupy SA, Brazil, Martin Wieser, AVL List GmbH, Austria, Dr. Ralf Marquard, LHP Europe GmbH

Sustainable fuels & energy

Auditorium (Basement)



DEFOSSILIZATION OF THE TRANSPORTATION SECTOR IN EUROPE

Moderation: Dietmar Goericke, FVV e. V.

11:45

An evaluation of the legal framework of modern IC-based drivetrains

Prof. Dr. Thomas Koch, Director of the Institute, Co-author: Dr. Olaf Toedter, both Institute for Piston Machines (IFKM), Karlsruhe Institute of Technology (KIT)

12:15

Strategies for a CO₂-optimal propulsion mix – life cycle analysis based on the FVV Fuels Studies IV and IV b

Dr. David Bothe, Director, Co-authors: Dr. Christoph Gatzen, André Pfannenschmidt, Carolin Baum, Fabian Schrogl, Osama Mahmood, all Frontier Economics Ltd., **Dr. Ulrich Kramer**, Technical Expert Future Fuels, Ford-Werke GmbH



PROCESS TECHNOLOGY

Moderation: Karl Dums, Dr. Ing. h.c. F. Porsche AG

14:30

Innovative approaches for energy-efficient hydrogen and e-fuel production

Jürgen Rechberger, Vice President Hydrogen & Fuel Cell, Co-authors: Martin Rothbart, Dr. Rittmar von Helmolt, all AVL List GmbH, Austria

15:00

Direct Air Capture – CO₂ from ambient air as a raw material for defossilized products

Dr. Marc Rüggeberg, Head of CO₂ Economy, **Dr. Andreas Grote**, Technical Expert Combustion Processes, Co-authors: Peter Kawelke, Dr. Christine Schütz, all Volkswagen AG

15:30

Kerosene as an enabler for synthetic fuels in road transport – or is it the other way around?

Dr. René Stahlschmidt, Head of Sales, Co-author: Kevin Günther, both Chemieanlagenbau Chemnitz GmbH (CAC)

Presentations
parallel sessions

Wednesday,
1 March 2023



Breaks

10:00 Coffee break

12:15 Lunch

14:30 Coffee break

PC engine technology

Kongress-Saal I (1st Floor)



ENGINE COMPONENTS
Moderation: Dr. Martin Berger,
MAHLE International GmbH

09:00

Potential analysis of a variable valve train system in the scope of synthetic fuel

Friedemar Knost, Research Assistant,
Co-authors: Philipp Demel, Alexander Mokros,
Prof. Dr. Christian Beidl, all Institute for Internal Combustion
Engines and Powertrain Systems (VKM), TU Darmstadt

09:30

On-board monitoring for EU7 – challenges and possible approaches

Peter Götschl, Lead Engineer Emission Strategies,
Co-authors: Kurt Klumaier, Dr. Reinhard Merl,
all AVL List GmbH, Austria



SIMULATION
Moderation: Tobias Mink,
APL Automobil-Prüftechnik Landau GmbH

13:30

A study on the fuel-saving potential of a multi-criteria speed trajectory planning for HEV

Dominic Waldenmayer, Research Assistant,
Co-authors: Katharina Bause, Prof. Dr. Dr. Albert Albers,
all Institute of Product Engineering (IPEK), Karlsruhe
Institute of Technology (KIT), Johannes Buyer,
Prof. Dr. Hermann Koch-Gröber, both Institute
of Automotive Engineering and Mechatronics (IKM),
Heilbronn University of Applied Sciences

14:00

The combined power of physical and AI-based powertrain models trained on field data

Dr. Michael Grill, Department Head OD/1D Simulation,
Co-authors: Timo Hagenbucher, Dr. Qirui Yang,
Prof. Dr. André Casal Kulzer, all Research Institute for
Automotive Engineering and Powertrain Systems Stuttgart
(FKFS)

CV engine technology

Forum (Ground floor)



COMPONENTS FOR HYDROGEN ENGINES
Moderation: Dr. Andreas Broda, MAN Truck & Bus SE

09:00

LNT as an effective solution to minimize NO_x emissions of hydrogen combustion engines

Simon Bruckmeier, Controls Developer, Co-authors:
Daniel Koch, Dr. Bárbara Costa, all KEYOU GmbH

09:30

Benefits of a driven-turbo for hydrogen internal combustion engines

Thomas Waldron, Executive Vice President, Co-authors:
Jared Brin, both SuperTurbo Technologies Inc., USA,
Hans Seitz, Wilfried Hochegger, both AVL List GmbH, Austria



APPLICATION POTENTIALS
Moderation: Bernhard Raser, AVL List GmbH

13:30

A hydrogen engine for buses – a highly competitive CO₂-neutral solution which could be quickly implemented

Prof. Christian Nellen, Head of Powertrain R&D,
Nils Monney, Development Engineer, both Sustainable
Engineering Systems Institute (SeSi), University of
Applied Sciences and Arts Western Switzerland,
Co-author: Laura Amaudruz-Andres, Transports
publics fribourgeois Trafic SA, all Switzerland

14:00

4x2 tractor with a hydrogen combustion engine – highest performance with lowest emissions

Florian Lindner, Development Engineer Exhaust
Aftertreatment, Co-authors: Dr. Andreas Broda,
Dr. Stephan Schraml, Dominic Hyna,
all MAN Truck & Bus SE

Sustainable fuels & energy

Auditorium (Basement)



SIMULATION
Moderation: Dr. Werner Willems,
Ford Forschungszentrum Aachen GmbH

09:00

Simulation study on laminar flame speed of ammonia-hydrogen blends using artificial neural networks

Kai Gaukel, Application Engineer Engine Simulation,
Gamma Technologies GmbH, Co-authors: Tingting Li,
Khashayar Ebrahimi, Kevin Roggendorf, Navin Fogla,
all Gamma Technologies LLC, USA

09:30

Towards the optimization of the piston design for a premixed ammonia combustion engine with a CFD modeling approach

Virginie Morel, Project Leader, Aramco Overseas Company,
Co-authors: Deepak Kumar, Emitech Group,
Prof. Christine Rousselle, Université d'Orléans,
Sébastien Houillé, Stellantis, all France



INDUSTRIAL IMPLEMENTATION
Moderation: Dr. Wolfgang Warnecke,
Shell Deutschland GmbH

13:30

Haru Oni: the entry into the mass production of renewable energy for the mobility of the future

Karl Dums, Senior Manager eFuels, Co-authors:
Jan Ohmstedt, Fabian Ehrat, Marcos Marques,
Dietmar Schwarzenthal, all Dr. Ing. h.c. F. Porsche AG

14:00

Renewable fuels – what's next? Outlook, new technologies, and regulation

Mats Hultman, Head of OEM Partnerships,
Neste Corporation, Sweden, Co-author:
Dr. Teemu Sarjovaara, Neste Corporation, Finland



EXHIBITION AND SPONSORSHIP

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- MAN Truck & Bus SE
- Poppe+Potthoff GmbH
- Dr. Ing. h.c. F. Porsche AG
- SEM AB
- Swoboda

ACCOMPANYING EXHIBITION

The exhibition provides the ideal presentation platform for companies who supply components for internal combustion engines or develop and optimize engines and engine parts as well as those active in the fields of sustainable fuels and energy. These include suppliers of components, systems, and modules for diesel and gasoline engines, companies that produce measuring and testing equipment, and development service providers.

If you would like to make contact with prominent congress participants and present your products and services effectively to a selected specialist audience, be part of this event as an exhibitor or sponsor! This industry meeting place gives you the ideal opportunity to take part in technical discussions with the participants and to make new contacts within the industry. In addition to each exhibition package, every exhibitor will be given a virtual stand in our digital event platform. This will enable you not only to upload documents and to chat, but also to hold 1:1 video calls with all participants. We will also be happy to design individual sponsoring and exhibition packages for you in accordance with your specific wishes and requirements. Take your pick from a variety of options.

YOUR CONTACT PARTNERS

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REGISTRATION FEE

Participation on site

Keynote, impulse, and plenary presentations, panel discussion as well as passenger car engine technology, commercial vehicle engine technology or sustainable fuels & energy
€ 1,695.– plus VAT
€ 1,595.– plus VAT for VDI members

Participation via live stream

Keynote, impulse, and plenary presentations, panel discussion as well as passenger car engine technology, commercial vehicle engine technology and sustainable fuels & energy
€ 995.– plus VAT
€ 895.– plus VAT for VDI members

Both participant packages include all submitted conference documents and the use of the digital event platform. If you are attending the conference in person, the conference fee also includes catering during the coffee and lunch breaks and the evening event.

Mode of payment

By bank transfer after receipt of an invoice or by credit card (MasterCard, Visa).
Participants with a billing address outside Germany, Austria and Switzerland are requested to pay by credit card.

DATE

28 February and 1 March 2023

LANGUAGES USED IN THE PRESENTATIONS

On site: German and English with simultaneous interpreting (German – English / English – German)

Virtually via live stream: English

INFORMATION ON CORONAVIRUS SAFETY



The health and safety of our customers and employees is our top priority. We have therefore developed a safety concept to ensure protection against the risk of coronavirus. We will closely observe official national and regional regulations and will, of course, comply with current coronavirus protection measures. This may in some circumstances result in some restrictions for participants.

If you are prevented from attending the conference in person for health reasons or due to travel restrictions, you have the opportunity

Online Registration and Further Information:

www.enginecongress.com



VENUE

Kongresshaus Baden-Baden
Augustaplatz 10
76530 Baden-Baden | Germany
Phone +49 7221 304-0
www.kongresshaus.de

HOTELS

Various hotels in Baden-Baden – all centrally located – have room blocks at reduced rates for participants.

The complete list of hotels can be found on the event website: www.ATZlive.com
Conference participants may book rooms either online or directly at Baden-Baden Kur & Tourismus GmbH.

Your contact person at Baden-Baden Kur & Tourismus GmbH is:
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Please make your reservation by 30 January 2023 at the latest.

this year to participate in the conference virtually via our live stream. The digital event platform offers you Q&A functions, 1:1 video chats with participants, exhibitors, and speakers, live opinion surveys, your personal program overview, a virtual exhibition, and other useful functions.



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Participants – service and registration

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10^{years} international engine congress

Meeting Place for the Powertrain and Sustainable Fuels Community



PC



CV



Fuels

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and Online Registration:**



www.enginecongress.com

10th International Engine Congress 2023
28 February and 1 March 2023 | Baden-Baden | Germany or virtually via live stream

THE ORGANIZERS

ATZlive

// Spotlight on Powertrain and Vehicle Engineering //

ATZlive organizes its high-caliber conferences for vehicle and engine specialists together with key representatives from research and industry to ensure that they are tailor-made to the needs of the participants and address the very latest issues. Our close collaboration with the editorial teams of our specialist magazines ATZ and MTZ keeps us fully up-to-date on the latest topics and trends on the market.

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ATZ live

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VDI WISSENSFORUM

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Our passion: sharing knowledge and skills covering almost all technological disciplines. Your added value: a diverse and comprehensive range of further education options. We draw on the extensive expertise of the VDI (Association of German Engineers) and a comprehensive network of experts. At our events, we put the emphasis on practical relevance. Other qualifications, such as management and leadership knowledge, social skills, business administration and law, round off our range of further education programs. Dedicated staff with extensive experience and expertise ensure that the events are staged successfully. About 20 members of our staff are themselves engineers and can provide a high level of technological knowledge.

VDI Wissensforum

www.vdi-conference.com