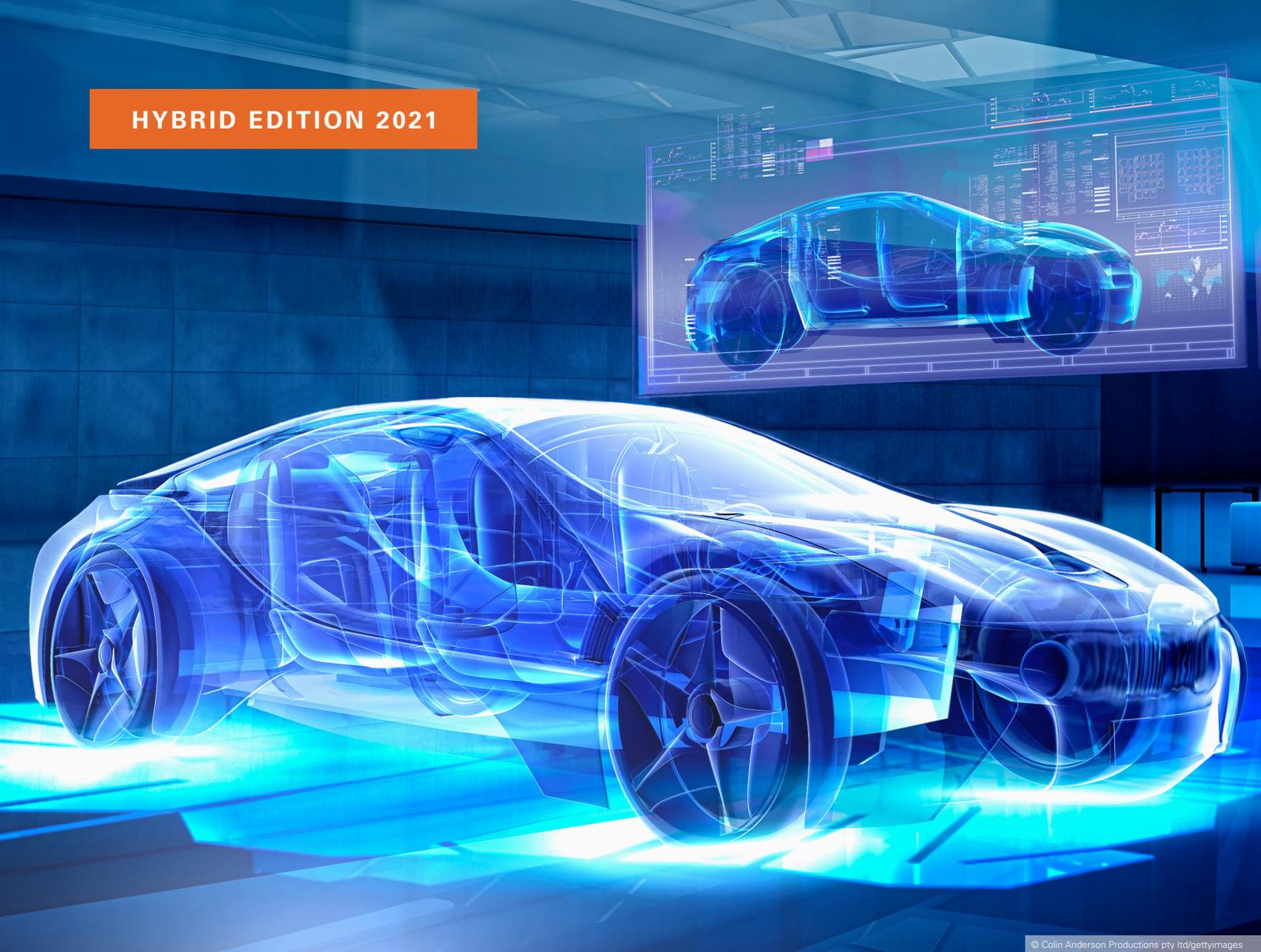


HYBRID EDITION 2021



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Automotive Suppliers' Day Baden-Württemberg

 11 November 2021
Neckar Forum Esslingen and Online

Welcome



Software structures for new vehicles will become increasingly important and complex in the future. There are growing demands for the interconnectivity and automation of vehicles as well as new software concepts. IT security expertise is also in demand. The challenge for today's supplier is to be involved in the value creation of tomorrow: On the one hand, new companies from the digital economy are penetrating the core areas of automotive manufacturers and, on the other hand, the requirements for structures and staff are changing with regard to education and training.

That's why, this year, the Automotive Suppliers' Day Baden-Württemberg is taking up the topic of "software". Together with suppliers, associations and innovative software companies, we are looking to the future and creating networks. In specific terms, the Automotive Suppliers' Day Baden-Württemberg will show how we can learn from successful models, such as digital pioneers or our partner countries this year, Finland, the UK and Israel.

We are convinced of this: International networks, a love of innovation and a strong will to exploit the opportunities of technological progress have made Baden-Württemberg's companies strong.

Take advantage of this opportunity to shape the mobility of the future in Baden-Württemberg! We look forward to welcoming you personally in Esslingen and online and wish all participants an informative symposium with valuable inspiration for your work and exciting insights.

Dr Nicole Hoffmeister-Kraut MdL

Minister for Economic Affairs, Labour and Tourism for the State of Baden-Württemberg

Franz Loogen

President of the State Agency for New Mobility Solutions and Automotive Baden-Württemberg, e-mobil BW

*The Automotive Suppliers' Day Baden-Württemberg takes place within the framework of the **Strategy Dialogue Automotive Industry BW** and is a joint event of the **Ministry of Economic Affairs, Labour and Tourism Baden-Württemberg** and **e-mobil BW – State Agency for New Mobility Solutions and Automotive Baden-Württemberg**.*

Programme

Moderator: Saskia Schüttke, e-mobil BW GmbH – State Agency for New Mobility Solutions and Automotive Baden-Württemberg

TIME	ON SITE AND AS A LIVESTREAM
8:00 a.m.	Admission & registration
9:00 a.m.	Opening <ul style="list-style-type: none"> ■ <i>Dr Nicole Hoffmeister-Kraut</i>, Minister for Economic Affairs, Labour and Tourism of the State of Baden-Württemberg ■ <i>Franz Loogen</i>, President of the State Agency for New Mobility Solutions and Automotive Baden-Württemberg, e-mobil BW
9:30 a.m.	Automotive supply industry in times of transformation and Covid-19 <ul style="list-style-type: none"> ■ <i>Hans Remsing</i>, Head of the Automotive Expert Team, Deutsche Bank
9:50 a.m.	Increasing performance of driver assistance systems in adverse road and weather conditions <ul style="list-style-type: none"> ■ <i>Petri Marjava</i>, Head of Automotive, Vaisala GmbH and ■ <i>Dr Benjamin Schön</i>, Product management for Innovation and Innovative Customers, Robert Bosch GmbH
10:30 a.m.	Training Neural Network Algorithms for Detection and Classification of Objects for Safe Autonomous Driving <ul style="list-style-type: none"> ■ <i>Oren Rosenzweig</i>, Chief Business Officer, Innoviz Technologies LTD
10:50 a.m.	The new operating system MB.OS: The digital nervous system in the vehicle with which we inspire customers and open up new business models <ul style="list-style-type: none"> ■ <i>Dr Michael Hafner</i>, Vice President MB.OS Base Layer and MBUX, Mercedes Benz AG
11:10 a.m.	Coffee break & networking
11:30 a.m.	Discussion: How can suppliers benefit from – and collaborate with – software companies? <ul style="list-style-type: none"> ■ <i>Franz Loogen</i>, President of the State Agency for New Mobility Solutions and Automotive Baden-Württemberg, e-mobil BW ■ <i>Prof. Dr-Ing. Ina Schaefer</i>, Institute for Software Technology and Vehicle Informatics, Technical University Braunschweig ■ <i>Peter Guse</i>, Senior Manager Business Development, Vector Informatik GmbH ■ <i>Dr Joachim Damasky</i>, Managing Director Product & Value Creation, Verband der Automobilindustrie e. V. (VDA)
12:15 p.m.	Lunch break & networking
	Parallel topic rooms
1:00 p.m.	I. Fuel cell in the vehicle: Opportunities and challenges for suppliers II. Cyber security solutions for automated and connected driving VIRTUAL ONLY III. Smart manufacturing solutions for the automotive sector VIRTUAL ONLY
2:15 p.m.	IV. Cybersecurity in the Supply Chain – The Supply Chain as strong as the weakest link V. Start-ups meet suppliers – how successful cooperation can succeed VIRTUAL ONLY VI. Technology transfer programme – exchange between science and industry VIRTUAL ONLY
3:15 p.m.	End of the event

The Automotive Suppliers' Day Baden-Württemberg is planned as a hybrid event this year: There will be the opportunity to participate on-site and online. The programme will be streamed from the Neckar Forum Esslingen and the international contributions will take place exclusively online and in English.

Topic rooms

From 1:00 p.m. to 2:15 p.m., the topic rooms I. to III. will take place in parallel.

I. Fuel cell in the vehicle: Opportunities and challenges for suppliers

In Baden-Württemberg, the centre of industry and technology, the framework conditions are in place to shape and further promote the expansion of a hydrogen economy. A large number of players in Baden-Württemberg are already active from research and development to production and application. However, in order to achieve long-term marketability of hydrogen technology, there are still some challenges to be overcome. The current high costs of the technology in production and application, alongside/combined with the still inadequate hydrogen infrastructure make widespread use difficult, and make further innovations and investments inevitable.

Prof. Mohrdieck, Managing Director cellcentric GmbH & Co. KG, will provide insights into the opportunities and challenges for suppliers and show which components are increasingly in demand. The Cluster Fuel Cell BW will address the networking opportunities in the state.

II. Cyber security solutions for automated and connected driving

VIRTUAL ONLY

The development towards software-defined vehicles confronts suppliers and OEMs with increasingly complex software supply chains and related issues such as cyber security and cyber resilience. The Finnish company Bittium provides insights on how experiences from software-defined radio in telecommunications can be used for the development of the software-defined vehicle. The Israeli company Cybellium will discuss the impact of the increasing complexity of the software supply chain on production safety and how the industry can overcome this through Cyber Digital Twin technology. Cybersecurity challenges and solutions for connected and automated driving are being addressed by Karamba Security, as well as experts from British companies HORIBA MIRA Ltd and Warwick Manufacturing Group.

III. Intelligent manufacturing solutions for the automotive industry

VIRTUAL ONLY

The digitalisation of production brings with it many possibilities so that production processes can be planned, controlled and implemented faster, more flexibly and with less strain on resources. The Finnish company Valmet Automotive will provide an insight into its digital solutions and methods for faster industrialisation of car body construction. The Israeli company Inspekto will discuss how production flexibility can be achieved without quality risk. British companies Warwick Manufacturing Group and Hyperbat will also present their smart manufacturing solutions for the automotive sector.

Topic rooms

From 2:15 p.m. to 3:15 p.m., the topic rooms IV. to VI. will take place in parallel.

IV. Cybersecurity in the Supply Chain – The Supply Chain as strong as the weakest link

Interconnected data ecosystems also mean interconnected threats. The supply chain is only as strong as its weakest link. How vulnerabilities are countered via suppliers, and what challenges this poses for suppliers, will be discussed in this topic room. After a derivation by Lukas Schleicher (VDMA), Dipl.-Ing. Martin Holtmannspoetter, responsible for IT Security, Infrastructure & Machinery at Robert Bosch GmbH, will provide insights into cybersecurity in the supply chain. Benjamin Frieske from the German Aerospace Center will speak about the project "ReLike – Smart Supply Chains and Robust Strategies for Transformation".

V. Start-ups meet suppliers – how successful cooperation can succeed

VIRTUAL ONLY

In times of digital transformation in the mobility industry, start-ups are particularly suitable cooperation partners: This is because they work outside of established structures and enable out-of-the-box thinking. They challenge the market because they have the drive and urgency to challenge the status quo. In return, companies can take responsibility for knowledge transfer and provide start-ups with resources and know-how. How successful cooperation between start-ups and suppliers can work is discussed in this topic room.

VI. Technology transfer programme – exchange between science and industry

VIRTUAL ONLY

Medium-sized companies often lack the important access to the knowledge pool of the excellent research institutions in the state. Participating scientists from the projects of the technology transfer programme "Innovative Mobility Technologies", for example from the Karlsruhe Institute of Technology (KIT), the University of Stuttgart and the Fraunhofer Gesellschaft, will show how these hurdles can be removed and how pre-competitive research and development work in association with small and medium-sized enterprises can set innovative impulses in the advancement of technology.

Registration

Attendance at the hybrid event on 11 November 2021 is free of charge.

Please register online at www.zulieferertag-bw.de. If you wish to attend on site, there may be restrictions on the number of participants due to the coronavirus situation. In this case, places will be awarded based on order of registration. We will inform you in good time before the event about your participation as well as your access data to the event portal.

Location



Neckar Forum Esslingen
Ebershaldenstraße 12,
73728 Esslingen am Neckar

www.esslingenlive.de

Contact

e-mobil BW GmbH – State Agency for New Mobility Solutions and Automotive Baden-Württemberg
Leuschnerstraße 45, 70176 Stuttgart

Saskia Schüttke, +49 711 892385-13, saskia.schuettk@e-mobilbw.de

Felicita Behr, +49 711 892385-25, felicita.behr@e-mobilbw.de

Organisers



Partners



The Suppliers' Day takes place within the framework of the Strategy Dialogue Automotive Industry BW, which is intended to open up innovation potential across sector boundaries and successfully support and shape the transformation process of the Baden-Württemberg automotive industry. A total of six topic areas and one cross-sectional area will focus on the complex challenges of the transformation process and the entire value chain of the automotive industry. www.sdabw.de



Important information about Covid-19

We – e-mobil BW GmbH – are currently planning to hold the event in the presence of participants on site. If necessary, digital offers will supplement the on-site event. Should the pandemic situation change at short notice, we will inform you in good time about how the event will then be handled (possibly in digital format/livestream, postponement or cancellation). In accordance with the 3G rule, only fully vaccinated, recovered or tested persons (negative coronavirus antigen rapid test not older than 24 hours) are permitted to participate. Appropriate valid proof must be presented to the admission staff.

Masks are compulsory in enclosed spaces. The contact details of guests must be documented. This includes first and last name, address, date and period of attendance and telephone number. This can be done either with relevant apps such as the Corona-Warn app or the Luca app or analogously on paper. Anyone who does not wish to provide these contact details, or does not wish to provide them in full, will not be allowed to take part in the event.

Furthermore, the hygiene and protection measures according to the Coronavirus Ordinance of the State of Baden-Württemberg in the currently valid version apply. See www.baden-wuerttemberg.de/en/home/