24th International Automobil-Elektronik Kongress in Ludwigsburg
June 23 and 24, 2020, Ludwigsburg

Challenges of E/E for tomorrow:
• Automotive Megatrends
• Autonomous Mobility
• E-Mobility

Top speakers from OEMs and suppliers
Statements on trends from top electronics division managers
Information and communications for the E/E sector
SmartPhonezation of Your Car
With Triple Shift Left

- AI Processors and IP
- Early Software Development with Virtual Prototypes
- Functional Safety and Security

From Silicon to Software
At the 24th International Automobil-Elektronik Kongress in Ludwigsburg the focus will once again be on technical subjects complemented by networking of industry high-level executives: Once every year the decision makers in automotive E/E meet for their annual industry gathering in Ludwigsburg. 24 top-notch presentations will be given on the following six core topics: Automotive Megatrends, Autonomous Mobility, E-Mobility, End2End Architecture, Software-defined Cars and (very comprehensively) Connected Mobility. I am already looking forward to exchanging impressions and details with many executives in Ludwigsburg.

Wishing you an exciting and successful event
Alfred Vollmer, Editor-in-Chief AUTOMOBIL-ELEKTRONIK
# PROGRAM: DAY ONE

**TUESDAY, JUNE 23, 2020**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00</td>
<td>The Future of the Sportscar</td>
<td>Dr. Oliver Blume</td>
<td>Chairman of the Executive Board Dr. Ing. H.c. F. Porsche AG</td>
</tr>
<tr>
<td>09:30</td>
<td>Networked Architectures are the Core of Networked Mobility Experiences and Effects from the Point of View of a Supplier</td>
<td>Helmut Matschi</td>
<td>Member of the Executive Board Continental AG, Vehicle Networking and Information</td>
</tr>
<tr>
<td>10:00</td>
<td>Mobility as Next Big Thing</td>
<td>Sascha Pallenberg</td>
<td>Head of Digital Transformation Daimler AG</td>
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<tr>
<td>10:30</td>
<td>Coffee break and time for networking</td>
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<tr>
<td>11:10</td>
<td>Automated Driving is More than Hardware &amp; Software: Ecosystems and their Importance for the Future of Mobility</td>
<td>Alejandro Vukotich</td>
<td>Senior Vice President Automated Driving BMW AG</td>
</tr>
<tr>
<td>11:40</td>
<td>The next Step for DJI: Autonomous Driving for All</td>
<td>Prof. Shaojie Shen</td>
<td>Vice President Automotive DJI</td>
</tr>
<tr>
<td>12:10</td>
<td>A New Age of Self-driving Cars</td>
<td>Prof. Jiangxiong Xiao</td>
<td>Founder and CEO AutoX Inc.</td>
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<tr>
<td>12:40</td>
<td>Joint lunch break and time for networking</td>
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</tr>
<tr>
<td>14:00</td>
<td>Passenger Cars Electrification through a Platform Strategy Approach</td>
<td>Christophe Hancké</td>
<td>Director of Platforms, Modules and Advanced Vehicle Projects Groupe PSA</td>
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**Automotive Megatrends**

**Autonomous Mobility**

**E-Mobility**
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
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<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:30</td>
<td>Next Generation E-Mobility – How to be Ready for all Future Powertrain Scenarios</td>
<td>Dr. Dirk Walliser</td>
<td>Senior Vice President Research &amp; Development Innovation &amp; Technology</td>
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<td>ZF Friedrichshafen AG</td>
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<tr>
<td>15:00</td>
<td>Status GO for Battery Electronics 2025</td>
<td>Dr. Martin Gall</td>
<td>EVP &amp; CTO</td>
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<td></td>
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<td>Dräxlmaier Group</td>
</tr>
<tr>
<td>15:30</td>
<td>The Role of Hydrogen in an Integrated Energy System</td>
<td>Prof. Christopher Hebling</td>
<td>Director Division Hydrogen Technologies &amp; Co-Director Division Energy Technology and Systems</td>
</tr>
<tr>
<td></td>
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<td></td>
<td>Fraunhofer Institute for Solar Energy Systems (ISE)</td>
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<tr>
<td>16:00</td>
<td>Coffee break and time for networking</td>
<td></td>
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</tr>
<tr>
<td>16:30</td>
<td>Disruptive Evolutions Require Open, Innovative and Trusted Solutions</td>
<td>Shinichi Yoshioka</td>
<td>Senior Vice President &amp; CTO</td>
</tr>
<tr>
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<td>Renesas Electronics Corp.</td>
</tr>
<tr>
<td>17:00</td>
<td>Driving the Autonomous Compute Revolution</td>
<td>Dipti Vachani</td>
<td>Senior Vice President &amp; General Manager Automotive and Embedded Line of Business</td>
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<td>Arm</td>
</tr>
<tr>
<td>17:30</td>
<td>Data Analytics and AI as Game Changers for the Manufacture of Increasingly Complex Automotive Technology</td>
<td>Dan Glotter</td>
<td>Founder &amp; CEO</td>
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<td>OptimalPlus</td>
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<td>18:00</td>
<td>End of first congress day</td>
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<tr>
<td>19:00</td>
<td>Industry Get-together at Reithaus Ludwigsburg</td>
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## Software-Defined Car

**08:30**  
**Software Readiness in the Automotive Industry**  
**Christian Senger**  
Member of the Board Digital Car & Services at VW brand  
Volkswagen AG

**09:00**  
**How to Build an Ecosystem Ready to Deliver a Software-Defined, Driverless Vehicle**  
**Georg Kopetz**  
CEO  
TTTech Auto AG

**09:30**  
**Holistic Software Strategy for the Upcoming Premium Architecture**  
**Dr. Klaus Büttner**  
Executive Vice President Intelligent Body & Cockpit  
Volkswagen Group  
Car.Software Organization

**10:00**  
**For AI to drive our cars, what is needed to effectively drive AI?**  
**Dr. David P. Kreil**  
Scientific Director  
Institute of Advanced Research in Artificial Intelligence (IARAI)

**10:30**  
Coffee break and time for networking

## Connected Mobility

**11:00**  
**Ford Mustang Mach-E: Designed around Electrification**  
**Amko Leenarts**  
Design Director, Ford of Europe  
Ford-Werke GmbH

**11:30**  
**Challenges in Future UI Development**  
**Matthias Schneider**  
Director User Interaction & Software  
Mercedes-Benz AG

**12:00**  
**Nevada – an Open Platform for Vehicle Data-Driven Use Cases**  
**Dr. Joachim Damasky**  
Managing Director  
German Association of the Automotive Industry (VDA)

**12:30**  
Joint lunch break and time for networking
<table>
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<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>14:00</td>
<td>Cross-Industry Collaboration to Win the Intelligent Future</td>
<td>Leon He</td>
<td>Vice President of Huawei Intelligent Automotive Solution BU, Huawei Enterprise Business Group</td>
</tr>
<tr>
<td>14:30</td>
<td>Car Lighting as a Communication Tool</td>
<td>Dr. Wolfgang Huhn</td>
<td>Head of Light and Sight, Audi AG</td>
</tr>
<tr>
<td>15:00</td>
<td>New Trend of Digital Transformation in China Automotive Industry</td>
<td>Peter Zhou</td>
<td>Senior Researcher of Tencent Research Institute, Tencent Inc.</td>
</tr>
<tr>
<td>15:30</td>
<td>5GAA Paving the Way for Cooperative Autonomous Cars</td>
<td>Christoph Voigt</td>
<td>Chairman, 5GAA</td>
</tr>
<tr>
<td>16:00</td>
<td>Final remarks and farewell</td>
<td></td>
<td>End of congress</td>
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TTTech Auto provides solutions for the challenges of future vehicle generations. We specialize in safe software and hardware platforms for automated driving and beyond, applicable in series production programs. With our leading technology solutions, we ensure safety and electronic robustness for a more automated world. TTTech Auto operates under the umbrella of the TTTech Group, a technology leader in robust networking and safety controls, with cross-industry experience from more than 20 years of operation.

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Visteon is a global technology company that designs, engineers and manufactures innovative cockpit electronics and connected car solutions for the world’s major vehicle manufacturers. Driving the smart, learning, digital cockpit of the future, Visteon improves safety and the user experience with innovative products including digital instrument clusters, information displays and infotainment. It leads the industry with its SmartCore™ cockpit domain controller and its DriveCore™ platform is driving autonomous developments.

Please contact for detailed information:
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Phone: +49 8191 125 123
nicolai.vonGratkowski@sv-veranstaltungen.de
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Location

Forum am Schlosspark Ludwigsburg
Stuttgarter Straße 33, 71638 Ludwigsburg
Phone: +49 7141 910 3967
www.forum.ludwigsburg.de

Industry Get-together and Dinner

At the Reithaus Ludwigsburg
Tuesday, June 25, 2020, at the end of the first day of the Congress

Accommodation recommendations can be obtained from the local tourist information office:
Phone: +49 7141 910-2252; touristinfo@ludwigsburg.de
Time for Change.

Mobility is a central part of our every day lives. But congestion, emissions, driving bans and lack of parking spaces are an increasing problem in today’s society. Mobility has become a burden and at ZF, our goal is to bring people’s mobile lives back into balance. We design and produce technologies that make mobility more affordable, comfortable, safer and cleaner – helping to restore #MobilityLifeBalance. MobilityLifeBalance.com
Please register online:

www.automobil-elektronik-kongress.de

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Participation fee

The participation fee for the 24th International Automobil-Elektronik Kongress in Ludwigsburg (June 23 and 24, 2020) is € 1,995 plus VAT (valid until April 30, 2020).

From May 1, 2020 on the participation fee will be € 2,195 plus VAT.

This fee includes the following services:

- Participation in the Congress
- Access to documentation
- Event app access
- Lunch on both days of the Congress
- Industry get-together on June 23, 2020, at the Reithaus Ludwigsburg
- Refreshments during breaks
- Opportunity to visit the accompanying trade exhibition