

**JUNE 4, 5 & 6, 2024**  
**Stuttgart, Germany**

automotive  
**testingexpo**  
 ★EUROPE★

**ADAS**  
 & AUTONOMOUS VEHICLE  
 TECHNOLOGY EXPO EUROPE

# SHOWGUIDE

SHOW  
 LAYOUT

WHAT  
 TO SEE

USEFUL  
 INFORMATION

EXHIBITOR  
 LISTINGS

CONFERENCE  
 HIGHLIGHTS

SPONSORS  
 & PARTNERS

**FOLD-OUT  
 FLOORPLAN  
 INSIDE**

KNOWLEDGE  
 PARTNER

**ARAI**  
 Progress through Research

#AutoTestEurope | #avtexpostuttgart

**Burke Porter**  
 An Ascential Technologies Company

**Power your assembly  
 and testing line with  
 Burke Porter automation**



**70 years** Experience  
**2,500+** Experts  
**45** Locations  
**22** Countries

From traditional internal combustion engines to cutting-edge electric and hybrid technologies, we can help you achieve better propulsion performance while reducing noise, vibration and harshness.

In today's rapidly evolving market, automotive companies know that safety and performance are more critical than ever. That's why established titans of transportation and disruptive innovators alike count on Burke Porter to tackle their most complex challenges.

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Burke Porter specializes in developing cutting-edge assembly, balancing and test solutions for propulsion systems including engine and e-motor components, as well as axles and transmissions. Our extensive expertise and track record in providing customizable solutions tailored to your exact specifications ensure maximum efficiency and top-tier performance. Committed to safety, quality and reliability, we consistently deliver projects on time and within budget, offering our clients the peace of mind they need for successful programs.

From the lab to the assembly line to aftermarket, Burke Porter's comprehensive, industry-leading solutions drive efficiency, safety and sustainability, helping our customers shape the future of transportation.

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- ✓ Modular Automated Testing and Assembly Systems
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- ✓ ADAS Calibration
- ✓ Engineering Services
- ✓ Laboratory Dynos

**Impossible? Done.**

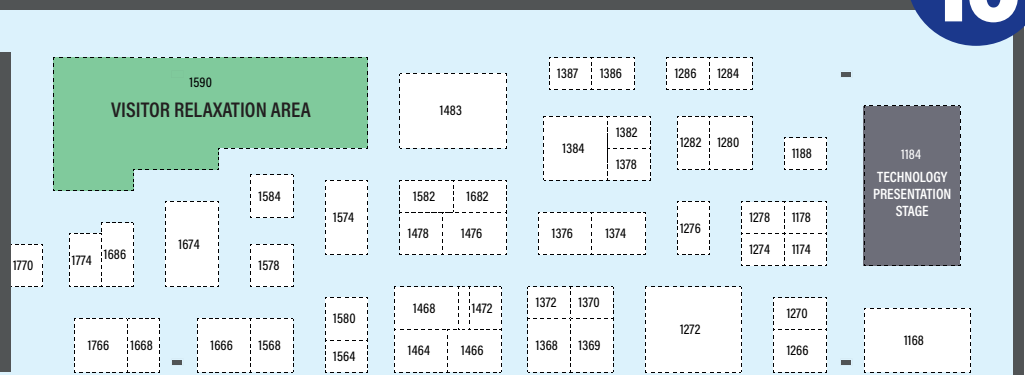
Learn more in booth #1552 or email  
[BurkePorterEuropeSales@ascentialtech.com](mailto:BurkePorterEuropeSales@ascentialtech.com)



 BISTRO / SNACK BAR

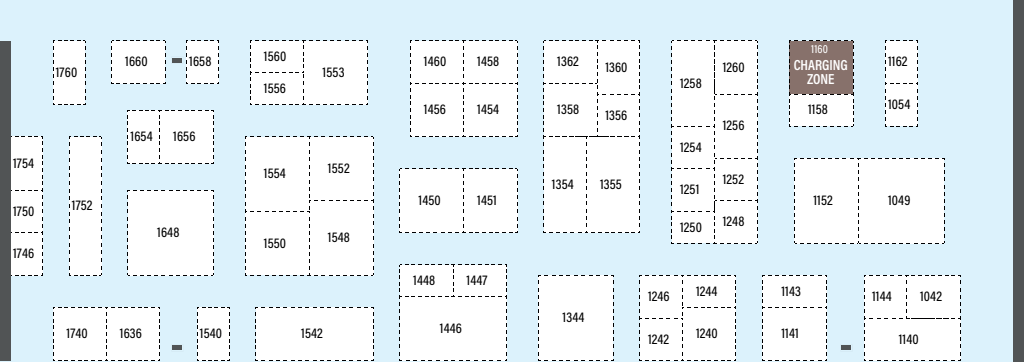
    
TOILETS

TO HALL 8 ←



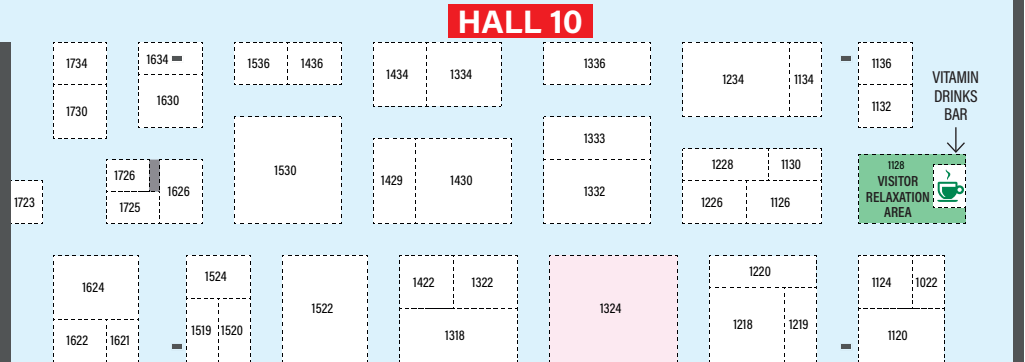
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e.fs  
TechHub  
GmbH  
Outdoor  
Exhibit



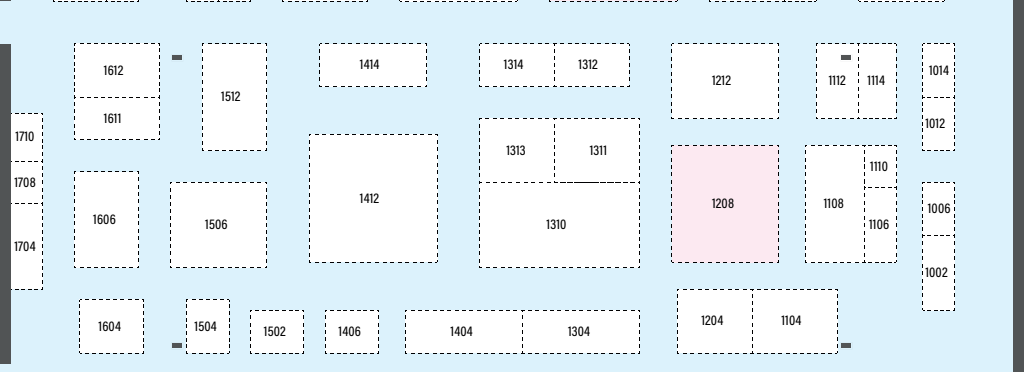
TO HALL 8 ←

AVL List  
GmbH  
Outdoor  
Exhibit




TO HALL 8 ←

AVL List  
GmbH  
Outdoor  
Exhibit



TO HALL 8 ←

 10.1  
ORGANIZER'S  
OFFICE

    
TOILETS

 **MAIN  
ENTRANCE**

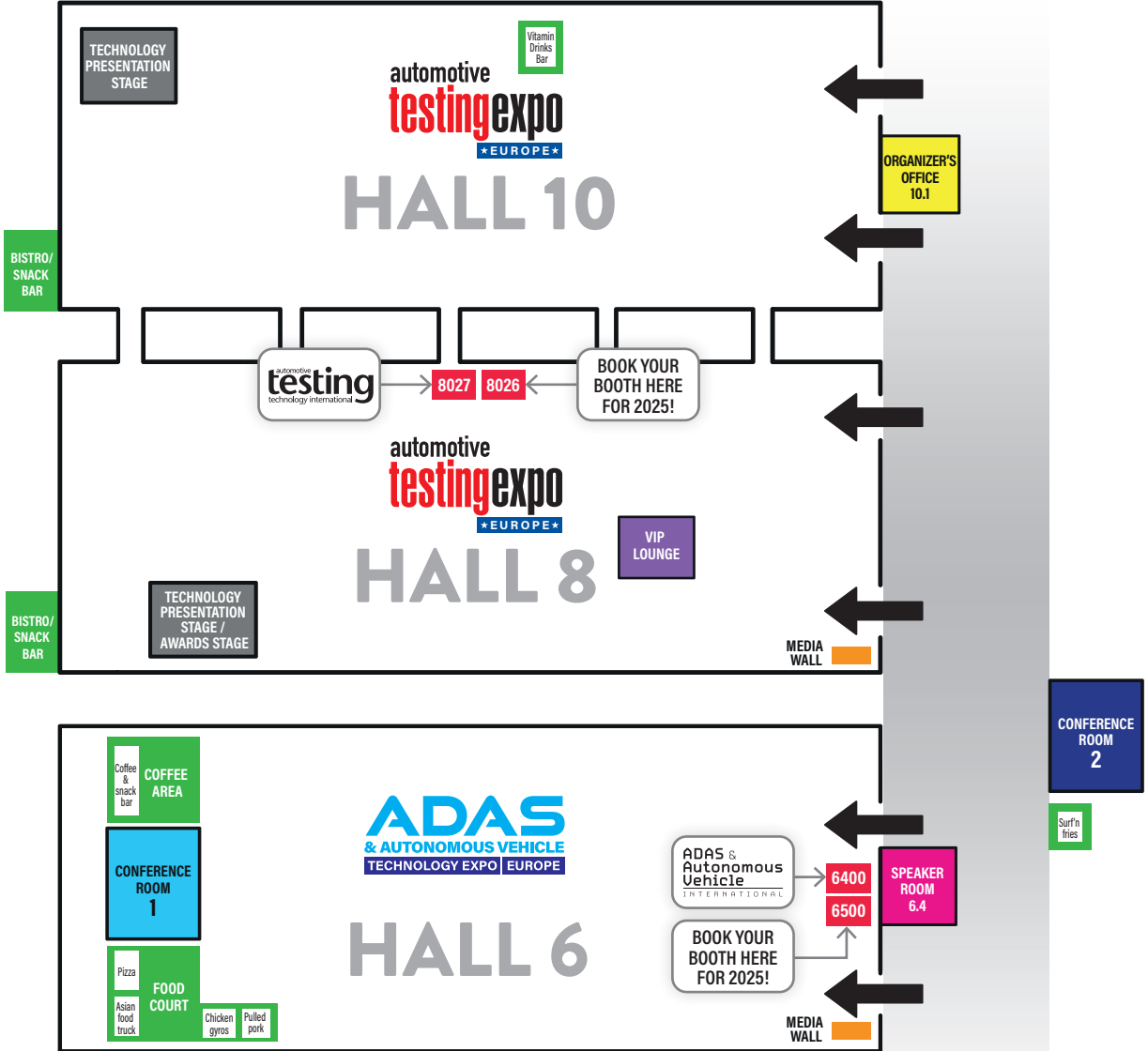
 **DAY 2 NETWORKING DRINKS PARTY** 

 **MAIN  
ENTRANCE**

# HALL OVERVIEW

REGISTRATION


WEST  
ENTRANCE



EAST  
ENTRANCE

REGISTRATION

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Seen something fantastic at the show that you want to share on your social feeds? Please mention **Automotive Testing Expo** or **ADAS & Autonomous Vehicle Technology Expo** and use the event hashtags, and we'll be sure to like and share!

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## Automotive Testing Expo

- |  |   |
|--|---|
| <p>08 <b>ATTI Awards</b><br/>See the ATTI Awards presented live!</p> <p>14 <b>Exhibitor Interview</b><br/>Ipetronik</p> <p>10 <b>What to see</b><br/>A-Z of exhibiting companies</p> | <p>16 <b>Exhibitor listings</b><br/>Discover who you can meet and what's on show</p> <p>44 <b>Technology presentations</b><br/>The key sessions and times</p> |
|--|---|

## ADAS & Autonomous Vehicle Technology Expo

- |  |  |
|--|--|
| <p>50 <b>What to see</b><br/>A-Z of exhibiting companies</p> <p>52 <b>Conference highlights</b><br/>The key sessions</p> | <p>55 <b>Exhibitor listings</b><br/>Discover who you can meet and what's on show</p> |
|--|--|







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### OPENING HOURS



TUESDAY, JUNE 4

09:00HRS - 17:00HRS\*

\*16:00 - Awards, followed by drinks

WEDNESDAY, JUNE 5

09:00HRS - 17:00HRS\*

\*17:00 - Networking drinks party

THURSDAY, JUNE 6

09:00HRS - 15:00HRS\*

\*Conference continues to 17:00hrs in Room 2

## Organized by

### UKi Media & Events,

Parsonage House,  
Parsonage Square, Dorking,  
Surrey, RH4 1UP, UK

Tel: +44 1306 743744

Fax: +44 1306 742525

Email: info@ukimediaevents.com

Web: www.ukimediaevents.com



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### Managing director, UKi Media & Events:

Colette Tebutt

### Sales directors:

Dominic Cundy, Chris Richardson

### Conference director:

Tim Sandford

### Exhibition operations managers:

Nicola Pfann, Rula Danias

# WELCOME

Thank you for joining us here in Stuttgart for the 2024 edition of Automotive Testing Expo and ADAS & Autonomous Vehicle Technology Expo!

In our fast-paced world where staying ahead of the curve is vital, there has never been a more important time to reduce (and ideally eliminate) recalls, enhance new model success and utilize new technologies to develop complex vehicles in even shorter timescales than ever. Automotive Testing Expo brings together the automotive testing community to achieve that goal and you'll find 320 exhibitors across Halls 8 and 10. For the first time, we'll also be presenting the Automotive Testing Technology Awards live on the show floor – don't miss an afternoon of insightful panel debates, keynotes and the all-important awards in Hall 8 on June 4 at 14:30.

Once again, ADAS & Autonomous Vehicle Technology Expo – in Hall 6 – brings together every aspect of a software-defined vehicle. 90 exhibitors are showcasing the latest technologies to enable and accelerate end-to-end autonomous and ADAS applications, including testing tools, simulation, software, sensing and AI. You might also want to consider upgrading to a conference pass to hear from over 80 speakers on the very latest topics; find out more from the team at the registration desk.



Plus, join us for networking drinks and a live DJ on June 5 at 17:00 in the park outside Hall 10 (in the event of bad weather, the event will take place in Hall 9).

As always, our team is on hand to help; you'll find the organizer's office in Room 10.1 in the foyer outside Hall 10. I wish you a successful and productive visit.



**Dominic Cundy,**  
managing director,  
Automotive Testing Expo

**automotive testingexpo**

**SPANNING THE GLOBE**  
www.testing-expo.com

- automotive testingexpo AMERICA**  
October 22, 23 & 24, 2024  
Novi MI, USA
- automotive testingexpo EUROPE**  
May 20, 21 & 22, 2025  
Stuttgart, Germany
- automotive testingexpo INDIA**  
April 8, 9 & 10, 2025  
Chennai, India
- automotive testingexpo KOREA**  
March 18, 19 & 20, 2026  
Seoul, Korea
- Testing Expo CHINA**  
AUGUST 28, 29 & 30, 2024  
Shanghai, China

**Download the showguide app now for the latest updates**

automotive  
**testing**  
technology international

# AWARDS

Presented live at Automotive  
Testing Expo Europe 2024

**DON'T MISS THE ATTI AWARDS,  
PRESENTED LIVE FOR THE FIRST  
TIME AT THE EXPO!**

**Day 1, Tuesday, June 4  
16:00, Hall 8**

Drinks and canapés



[www.testing-expo.com/europe](http://www.testing-expo.com/europe)

#ATTIAwards  
Get involved online!



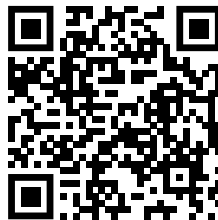
automotive  
**testingexpo**  
★EUROPE★

# DOWNLOAD THE FREE OFFICIAL SHOWGUIDE APP

- › Pre-arrange meetings with exhibitors
- › Arrange meetings with industry colleagues
- › Network with other attendees



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**#AutoTestEurope**  
**#avtexpottuttgart**  
GET INVOLVED ONLINE!



# USEFUL INFORMATION



## VENUE ADDRESS:

Messe Stuttgart,  
Messeplazza 1, 70629  
Stuttgart, Germany



## OPENING HOURS

Tuesday, June 4, 2024  
09:00hrs - 17:00hrs\*

\*16:00 - Awards, followed by drinks

Wednesday, June 5, 2024  
09:00hrs - 17:00hrs\*\*

\*\*17:00 - Networking drinks party

Thursday, June 6, 2024  
09:00hrs - 15:00hrs\*\*\*

\*\*\*Conference continues  
to 17:00hrs in Room 2



## WI-FI

A wi-fi connection for checking emails and surfing the web will be available throughout the halls. SSID: automotive\_shows (no password required)



## ACCESSIBILITY

Although Stuttgart Messe is on several levels, all halls are fully accessible by elevators and ramps. For further assistance, please ask a member of the organizing team

FREE TO ATTEND!

## NETWORKING DRINKS PARTY

LIVE DJ!

Day 2, Wednesday, June 5,  
from 17:00

Taking place in the park  
outside Hall 10

(in the event of bad weather, the event will be held in Hall 9)



## ORGANIZER'S OFFICE

If you need help finding your way around or locating specific exhibitors, the organizer's office is in the foyer outside Hall 10, in Room 10.1

## BOOK YOUR BOOTH FOR 2025!

Visit the **Automotive Testing Expo** sales team on Booth 8026 in Hall 8 to book your exhibition space for 2025

**Dominic Cundy, event director**  
Email: dominic.cundy@ukimediaevents.com

**VISIT US ON BOOTH 8026, HALL 8**

Visit the **ADAS & Autonomous Vehicle Technology Expo** sales team on Booth 6500 in Hall 6 to book your exhibition space for 2025

**Chris Richardson, event director**  
Email: chris.richardson@ukimediaevents.com

**VISIT US ON BOOTH 6500, HALL 6**



## RESTAURANTS & SNACKS

There will be a variety of food and drink outlets situated within the Halls. Please view or download the showguide app for the locations and menus

SCAN THE QR CODE TO DOWNLOAD THE SHOWGUIDE APP



## DELEGATE DINING

Conference delegates and speakers can choose from the full range of options at any of the food outlets, restaurants, snack bars and coffee areas located throughout the halls. Please show your conference badge at the checkout for your complimentary lunch and coffee

## AUTOMOTIVE TESTING TECHNOLOGY INTERNATIONAL

*Automotive Testing Technology International* is the world's only international publication focusing on all areas of automotive testing, development and evaluation

**Contact:** Rob Knight  
Email: rob.knight@ukimediaevents.com

**VISIT US ON BOOTH 8027, HALL 8**



## ADAS & AUTONOMOUS VEHICLE INTERNATIONAL

From simulation, testing and development through to vehicle components and regulation, *ADAS & Autonomous Vehicle International* is a must-read for anyone involved in ADAS and automated driving

**Contact:** Sam Figg  
Email: sam.figg@ukimediaevents.com

**VISIT US ON BOOTH 6400, HALL 6**



# ATTI AWARDS FORUM 2024

## JUNE 4, HALL 8, 14:30HRS



**FREE TO ATTEND!**  
Scan the QR code to download the showguide app for the latest updates



Now in their 17<sup>th</sup> year, the ATTI Awards are to be presented formally at Automotive Testing Expo Europe 2024 in Stuttgart, Germany, cementing *Automotive Testing Technology International* magazine's long-standing affiliation with the exhibition.

Before the awards ceremony, a brand-new forum will offer an afternoon of high-level content covering key topics such as the application of AI in testing, connectivity, big data, software engineering, AV testing and alternative powertrain analysis. Here's what's in store...

### AWARDS CATEGORIES

**NEW FOR 2024** ADAS & AV Test Innovation of the Year

**NEW FOR 2024** Alternative Powertrain Test Innovation of the Year

Powertrain Test Facility of the Year

Crash Test Innovation of the Year

Proving Ground of the Year

Software Innovation of the Year

Hardware Innovation of the Year

Person of the Year

### SPEAKERS



Rachel Evans, editor, ATTI



Huw Davies, senior lecturer and academic, Coventry University's Centre for Future Transport and Cities



Gemma Hatton, freelance technical writer



Phil Durston, technical manager, Volkswagen



Nils Katzorke, project manager, Mercedes-Benz



Jahee Campbell-Brennan, director, Wavey Dynamics



Plato Pathrose, CTO and technical director, ADAS and AD, VinFast Germany

### AGENDA

**14:30 Welcome**  
Rachel Evans, editor, ATTI

**14:40 Panel discussion - Exploring the future of automotive testing**  
Moderator: **Huw Davies**, senior lecturer and academic, Coventry University's Centre for Future Transport and Cities  
**Gemma Hatton**, freelance technical writer  
**Phil Durston**, technical manager, Volkswagen  
**Nils Katzorke**, project manager, Mercedes-Benz

**15:20 In conversation**  
**Jahee Campbell-Brennan**, director, Wavey Dynamics

- AI-driven simulation is revolutionizing vehicle development
- How to gain actionable insights by using AI in testing
- The challenges in adopting AI-driven testing solutions

**Plato Pathrose**, CTO and technical director, ADAS and AD, VinFast Germany

- The key hurdles of connected, software-defined and autonomous vehicle simulation
- How to formulate a successful simulation program
- Mature simulation platforms vs. the latest collaborative platforms

**16:00 ATTI Awards ceremony**  
Drinks and canapés will be served



Pick up a **FREE COPY** throughout the show  
See us on **Booth 8027, Hall 8**

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Rob Knight, UKI Media & Events Ltd,  
Parsonage House, Parsonage Square, Dorking,  
Surrey, RH4 1UP, UK. Tel: +44 (0) 1306 743744  
Email: [rob.knight@ukimediaevents.com](mailto:rob.knight@ukimediaevents.com)

# EXHIBITING COMPANIES

NEW EXHIBITORS  
FOR 2024

## EXHIBITORS A-Z

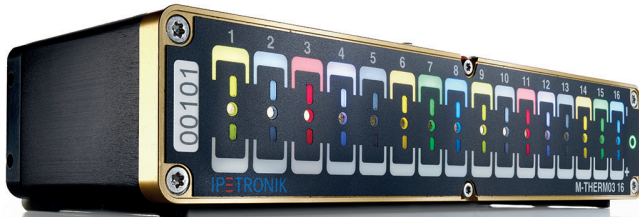
| COMPANY   | HALL | BOOTH   |   |                      |
|---|------|---------|---|----------------------|
| 4activeSystems GmbH   | 8    | 8340    | Carl Zeiss GOM Metrology GmbH<br>(Zeiss Industrial Quality Solutions) | 8 8624               |
| AB Dynamics   | 8    | 8634    | Catesby Projects  | 8 8600               |
| Accurate Technologies GmbH<br>& Co. KG  | 10   | 1686    | cetecom advanced GmbH   | 8 8516               |
| Acutronic Switzerland Ltd   | 10   | 1422    | CFM Schiller GmbH   | 8 8334               |
| Additium  | 8    | 8216    | CHCNav  | 8 8127               |
| AIA (Chair of Fluid Mechanics and<br>Institute of Aerodynamics) RWTH<br>Aachen University | 8    | 8326    | Chroma Germany GmbH   | 10 1100              |
| Aiolos Engineering Corporation  | 10   | 1226    | Cidotec Energy Storage  | 8 8609               |
| AIP Automotive GmbH Co. KG  | 10   | 1522    | Cineca Inter-University Consortium                                    | 8 8326               |
| Allengra GmbH   | 10   | 1774    | CME Technology Co. Ltd  | 8 8227               |
| Allion Labs Inc.  | 8    | 8006    | comemso electronics GmbH  | 10 1402              |
| Alma Automotive   | 8    | 8326    | Compredict GmbH   | 10 1750              |
| ALPLab GmbH   | 8    | 8500    | Controlar SA  | 10 1374              |
| Amium GmbH  | 10   | 1006    | Crystal Instruments   | 8 8436               |
| Anhui Wanyi Science and<br>Technology Co. Ltd   | 8    | 8142    | CSJ SpA   | 10 1468              |
| Antriebssysteme Faurndau GmbH   | 10   | 1630    | CSM Computer-Systeme-<br>Messtechnik GmbH                             | 10 1414              |
| Apicom Group  | 10   | 1333    | CTAG  | 10 1458              |
| Applus+ Laboratories  | 8    | 8034    | CTS Clima Temperatur Systeme GmbH                                     | 10 1332              |
| Aptiv Connected Services  | 10   | 1132    | CVMS Climatic   | 10 1274              |
| Aralab  | 10   | 1354    | CyberJoin   | 8 8422               |
| Arcstest Oy   | 10   | 1710    | Dasym GmbH  | 10 1622              |
| Arctic Falls  | 10   | 1260    | Deico   | 10 1143              |
| Ascott Analytical Equipment Limited   | 10   | 1483    | Dekati Ltd  | 8 8232               |
| ATE Antriebstechnik und Etwicklungs<br>GmbH & Co. KG                                      | 10   | 1770    | DEKRA Automobil GmbH  | 10 1612              |
| Atesteo GmbH & Co. KG   | 10   | 1553    | Delta Motion Ltd  | 8 8252               |
| ATP Automotive Testing Papenburg GmbH   | 8    | 8134    | Dewesoft d.o.o.   | 8 8514               |
| ATS Group   | 10   | 1740    | Dewetron  | 8 8332               |
| ATT Umweltsimulation GmbH   | 10   | 1114    | Digitiq Automotive sro  | 10 1476              |
| Autocotem GmbH  | 8    | 8050    | DSD – Dr Steffan Datentechnik GmbH                                    | 8 8500               |
| Auswuchttechnik Burkhardt   | 10   | 1344    | dSpace GmbH   | 10 1324 /<br>Sponsor |
| Autocrypt   | 10   | 1126    | DTS – Diversified Technical Systems Inc.                              | 8 8402               |
| Automotive Research Association<br>of India (ARAI)  | 8    | 8146    | Dunasyng ingénierie   | 10 1400              |
| Automotive Testing Expo Europe 2025   | 8    | 8026    | durcrete GmbH   | 8 8300               |
| Automotive Testing Technology<br>International  | 8    | 8027    | dynamic E flow GmbH   | 10 1734              |
| Autonomous Solutions Inc.   | 10   | 1447    | Dynisma Ltd   | 10 1504              |
| autotherm Nenninger GmbH & Co. KG   | 10   | 1168    | e:fs TechHub GmbH   | 8 8032               |
| AV R&D Ltd  | 10   | 1188    | E&C Testlab GmbH  | 10 1136              |
| Averna Technologies Inc.  | 10   | 1436    | EA Elektro-Automatik GmbH & Co. KG                                    | 10 1574              |
| AVL List GmbH   | 10   | 1530    | Easting Electronics   | 8 8212               |
| Axon Systems GmbH   | 10   | 1414    | Econ Technologies Co. Ltd   | 10 1286              |
| BCSA Gear   | 10   | 1251    | EDAG Engineering GmbH   | 10 1568              |
| Beck-Messtechnik GmbH   | 10   | 1368    | Electra M&E Deutschland   | 10 1666              |
| Beijing Linggong Technology Co. Ltd   | 10   | 1520    | eMpulse Test Systems  | 8 8106               |
| Beijing Racobit Electronic<br>Information Technology Co. Ltd                              | 10   | 1472    | Encopim, SL   | 8 8534               |
| BIA   | 8    | Sponsor | Engie Deutschland GmbH  | 10 1332              |
| Blueberry DAQ technology Group LLC  | 8    | 8616    | Ernst + Co Prüfmaschinen GmbH   | 8 8452               |
| Blum-Novotest GmbH  | 10   | 1506    | Espec Europe GmbH   | 10 1384              |
| Bolab Systems GmbH  | 10   | 1454    | ETS Solutions Europe GmbH   | 10 1272              |
| Bosmal Automotive Research &<br>Development Institute Ltd                                 | 10   | 1376    | Excellerat  | 8 8326               |
| Burke Porter  | 10   | 1552    | Exotest   | 10 1112              |
| CAE Software und Systems GmbH   | 8    | 8556    | Fabreeka GmbH Deutschland   | 8 8424               |
| Canway Engineering GmbH   | 10   | 1760    | Fakt GmbH   | 8 8250               |
|   |      |         | FEV Software and Testing Solutions SAS                                | 10 1218              |
|   |      |         | FGB Fertigungsgerätebau Adolf<br>Steinbach GmbH & Co. KG              | 8 8538               |
|   |      |         | FiSens GmbH   | 10 1252              |
|   |      |         | Flanders Make   | 8 8641               |
|   |      |         | Fogtec Brandschutz Systeme GmbH                                       | 10 1174              |
|   |      |         | Ford Lommel Proving Ground  | 8 8638               |
|   |      |         | Ford Merkenich Technical Center                                       | 8 8638               |
|   |      |         | framag  | 10 1512              |
|   |      |         | Fraunhofer IESE   | 8 8352               |
|   |      |         | Gantner Instruments   | 10 1434              |
|   |      |         | GCS Test  | 10 1266              |
|   |      |         | Generation RFID   | 10 1254              |
|   |      |         | GeneSys Elektronik GmbH   | 8 8314               |
|   |      |         | Gesellschaft für industrielle<br>Netzwerke GmbH (GiN)                 | 10 1606              |
|   |      |         | Getec Getriebe Technik GmbH   | 10 1584              |
|   |      |         | Göpel electronic GmbH   | 10 1355              |
|   |      |         | GRAS Sound & Vibration  | 10 1446              |
|   |      |         | GTSystem GmbH   | 10 1584              |
|   |      |         | GTW Dr Gebert Technologie und<br>Wälzlager GmbH                       | 10 1770              |
|   |      |         | Guangdong Labtone Test Equipment<br>Co. Ltd                           | 10 1448              |
|   |      |         | Guangdong SMS Intelligent<br>Equipment Co. Ltd                        | 10 1244              |
|   |      |         | Gustav Klein GmbH & Co. KG  | 10 1402              |
|   |      |         | GW-Instek: Good Will Instrument<br>Euro BV                            | 10 1580              |
|   |      |         | Hagenbuch Hydraulic Systems AG  | 10 1370              |
|   |      |         | Hausmann Industrieelektronik  | 10 1344              |
|   |      |         | Head acoustics GmbH   | 8 8506               |
|   |      |         | Herbert Hünchen GmbH  | 10 1656              |
|   |      |         | High-Performance Computing Center<br>Stuttgart (HLRS)                 | 8 8326               |
|   |      |         | Hochschule Mannheim   | 8 8326               |
|   |      |         | Hoerbiger Elektronik GmbH   | 10 1140              |
|   |      |         | Huttinger Brüel & Kjaer GmbH  | 8 8401               |
|   |      |         | Humanetics  | 8 8606               |
|   |      |         | Human Next Generation Instrumental<br>T&C Tech Co. Ltd                | 10 1501              |
|   |      |         | Human Superfek Measurement<br>Technology Co. Ltd                      | 8 8629               |
|   |      |         | IABG mbH  | 8 8520               |
|   |      |         | IAMT Engineering GmbH & Co. KG  | 8 8633               |
|   |      |         | IAMT Prüfsysteme GmbH   | 8 8633               |
|   |      |         | IAV   | 10 1404              |
|   |      |         | Ibis GmbH   | 10 1204              |
|   |      |         | IBS Precision Engineering GmbH  | 8 8307               |
|   |      |         | iMAR Navigation GmbH  | 8 8336               |
|   |      |         | imc Test & Measurement GmbH   | 10 1446              |
|   |      |         | IMV Corporation   | 8 8122               |
|   |      |         | iNDTact GmbH  | 10 1014              |
|   |      |         | Ineltec   | 10 1626              |
|   |      |         | Influx Technology Centre  | 10 1634              |
|   |      |         | Ing.-Büro Mast und Partner  | 10 1022              |
|   |      |         | Inova GmbH  | 8 8434               |
|   |      |         | Inovance Technology Co. Ltd   | 10 1554              |
|   |      |         | Institut Pro Testování a Certifikaci, AS                              | 10 1372              |
|   |      |         | Instron   | 8 8530               |
|   |      |         | Intrepid Control Systems Inc.   | 10 1208/<br>Sponsor  |
|   |      |         | ipetronik GmbH & Co. KG   | 10 1212              |
|   |      |         | Italdesign-Giugiaro SpA   | 10 1624              |
|   |      |         | itech Electronic Co. Ltd  | 10 1430              |

|   |    |      |   |    |      |   |    |      |
|---|----|------|---|----|------|---|----|------|
| Jaeger Computergesteuerte Messtechnik GmbH            | 10 | 1464 | Peak Solution GmbH  | 10 | 1360 | SYRC GmbH   | 10 | 1284 |
| Jiangsu Tomilo Advanced Equipment Co. Ltd             | 10 | 1120 | Peter Huber Kältemaschinenbau SE  | 10 | 1049 | Tech Drive SAS  | 10 | 1218 |
| Jiangsu Wallong-Hsin Machinery Engineering Co. Ltd    | 8  | 8604 | Photon (Europe) Ltd   | 8  | 8502 | Technica Engineering GmbH                                   | 10 | 1200 |
| Julabo GmbH   | 10 | 1766 | Pickering Interfaces GmbH   | 10 | 1130 | TechnoLab GmbH  | 8  | 8240 |
| Karing GmbH (Kübrich)                                 | 10 | 1304 | Plug-in Electronic GmbH   | 10 | 1134 | tectos GmbH   | 10 | 1318 |
| Kewell Technology Co. Ltd                             | 10 | 1220 | Pollux electro mechanical systems GmbH                                      | 10 | 1540 | Teledyne GmbH   | 10 | 1654 |
| Keysight Technologies                                 | 10 | 1108 | Polytec GmbH  | 10 | 1152 | Telemetrie Elektronik GmbH                                  | 10 | 1012 |
| Kistler Instrumente GmbH                              | 8  | 8652 | Poppe + Potthoff Maschinenbau GmbH  | 8  | 8554 | TELUS GmbH – Testlabor für Umweltsimulation                 | 10 | 1272 |
| Klaric  | 10 | 1344 | ProductionIoGo  | 8  | 8150 | test@FORD   | 8  | 8638 |
| Knick Elektronische Messgeräte GmbH & Co. KG          | 10 | 1106 | RDI Technologies Inc.   | 10 | 1382 | Testzentrum Baden GmbH                                      | 8  | 8111 |
| Kokusai Co. Ltd                                       | 8  | 8102 | Reckmann GmbH   | 10 | 1450 | Texys Group   | 8  | 8456 |
| Kokusai Europe GmbH                                   | 8  | 8102 | red-ant measurement technologies and services                               | 10 | 1124 | Thermo Sensor GmbH  | 10 | 1648 |
| Konrad Technologies                                   | 10 | 1313 | Reich Kupplungen  | 10 | 1242 | ThermoTEC Weilburg GmbH & Co. KG                            | 10 | 1384 |
| Krebs & Aulich GmbH                                   | 10 | 1550 | Reihhofer KG  | 10 | 1369 | Tira GmbH   | 10 | 1280 |
| Kriwan Testzentrum GmbH                               | 10 | 1560 | Remote Tracking Systems   | 10 | 1386 | Toellner Electronic Instrumente GmbH                        | 10 | 1141 |
| KS Engineers  | 10 | 1256 | Resato International  | 8  | 8228 | tracetrion GmbH   | 10 | 1311 |
| Kyowa Electronic Instruments Co. Ltd                  | 10 | 1500 | Resonic GmbH  | 8  | 8636 | Trigas Flow Measurement & Calibration                       | 10 | 1219 |
| Laba7   | 8  | 8044 | RISE Research Institutes of Sweden   AstaZero   SEEL                        | 8  | 8028 | Triwo Automotive Testing GmbH                               | 10 | 1725 |
| Labtech sro   | 8  | 8608 | Rohrer Mess- und Systemtechnik  | 10 | 1158 | TTTech Auto   | 10 | 1556 |
| Lauda Dr R Wobser GmbH & Co. KG                       | 10 | 1730 | Rolls-Royce plc   | 8  | 8338 | Typhoon HIL   | 10 | 1278 |
| LaVision GmbH   | 8  | 8346 | Rototest  | 10 | 1234 | Unholtz-Dickie (Europe Office)                              | 10 | 1682 |
| LDRA Ltd  | 10 | 1723 | Rudronics Testing Solutions   | 10 | 1334 | Unico (UK) Ltd  | 10 | 1104 |
| LeCAD   | 8  | 8326 | Rudolfovo   | 8  | 8326 | Unico Deutschland GmbH                                      | 10 | 1104 |
| Lemo Elektronik GmbH                                  | 8  | 8239 | SAB Bröckskes GmbH & Co. KG   | 10 | 1312 | Unsinn Fahrzeugtechnik GmbH                                 | 8  | 8200 |
| Lemo Elektronik GmbH                                  | 8  | 8239 | Saginomiya Europe Sp. z o. o.   | 8  | 8052 | UTAC  | 10 | 1178 |
| Link Group, Inc.                                      | 10 | 1604 | Saginomiya Seisakusho, Inc.   | 8  | 8052 | VBOX Automotive   | 8  | 8544 |
| Lloyd Dynamowerke GmbH                                | 10 | 1478 | Schulz-Electronic GmbH  | 10 | 1429 | VDL Enabling Transport Solutions BV                         | 8  | 8206 |
| LTG Aktiengesellschaft                                | 10 | 1406 | Seattle Safety  | 8  | 8004 | Vector Informatik GmbH                                      | 10 | 1412 |
| Lumos DMLite Co. Ltd                                  | 8  | 8008 | Sentek Dynamics   | 8  | 8436 | Vemac GmbH & Co. KG   | 10 | 1246 |
| Luxfer Magnesium Rolled Products (Magnesium Elektron) | 8  | 8236 | Seoul Industry Engineering Co. Ltd  | 10 | 1276 | Verona  | 10 | 1740 |
| Luxoft  | 10 | 1336 | Serma Energy  | 10 | 1300 | Vibration Research Europe GmbH                              | 10 | 1282 |
| m+p international Mess- und Rechnertechnik GmbH       | 8  | 8312 | Servotest Testing Systems Ltd   | 8  | 8351 | Vibtec GmbH   | 10 | 1582 |
| Magna Powertrain Engineering Center Steyr             | 10 | 1110 | Seskion GmbH  | 10 | 1621 | Vision Research   | 8  | 8614 |
| Mahle Powertrain Ltd                                  | 10 | 1250 | Seven Bel GmbH  | 8  | 8042 | Visol Inc.  | 8  | 8452 |
| Manner Sensortelemetrie GmbH                          | 10 | 1704 | Shandong Liensi Intelligent Technology Co. Ltd                              | 10 | 1248 | Vispiron Rotec   Vispiron Systems                           | 10 | 1611 |
| Mayr Antriebstechnik   Chr. Mayr GmbH + Co. KG        | 8  | 8126 | Shanghai KeLiang Information Technology Co. Ltd                             | 8  | 8128 | VKT Video Kommunikation GmbH                                | 8  | 8502 |
| measX GmbH & Co. KG                                   | 10 | 1536 | Shanghai PoleLink Information Technology                                    | 10 | 1162 | VSE Volumentechnik GmbH                                     | 10 | 1502 |
| Mecalac Technologies GmbH                             | 8  | 8518 | Shanghai Tosun Technology Ltd   | 10 | 1708 | VTS Schumann GmbH   | 10 | 1378 |
| Messring GmbH   | 8  | 8112 | Shanghai Vehinfo Technologies Co. Ltd                                       | 10 | 1356 | Weiss Technik GmbH  | 10 | 1483 |
| Meta Motoren- und Energie-Technik GmbH                | 8  | 8648 | Shining 3D Technology GmbH  | 10 | 1600 | Werum Software & Systems AG                                 | 10 | 1322 |
| Michigan Scientific Corp                              | 8  | 8306 | Sibo Electronic GmbH  | 10 | 1362 | Wezag GmbH & Co. KG   | 10 | 1112 |
| MicroNova AG  | 10 | 1126 | Siemens   | 10 | 1310 | Wilhelm Stolle GmbH   | 8  | 8334 |
| Microtech Gefell GmbH                                 | 8  | 8501 | Simpro SpA  | 10 | 1240 | Wiretronic AB   | 10 | 1112 |
| Microwave Vision Group                                | 10 | 1726 | SincoTec Group  | 8  | 8114 | WKM Wärmeprozess- und Klimaprüftechnik Michel GmbH & Co. KG | 10 | 1168 |
| Monolith AI   | 10 | 1228 | Smiths Interconnect   | 10 | 1754 | WKS Informatik GmbH   | 10 | 1313 |
| Moog  | 8  | 8132 | Sonplas GmbH  | 10 | 1668 | X2E GmbH  | 10 | 1524 |
| MTS Systems   | 8  | 8310 | Southern Hemisphere Proving Ground Ltd (SHPG)                               | 10 | 1002 | X'ian ActionPower Electric Co. Ltd                          | 10 | 1674 |
| Müller-BBM VibroAkustik Systeme GmbH                  | 10 | 1636 | Speedgoat GmbH  | 10 | 1752 | Yamaichi Electronics Deutschland GmbH                       | 8  | 8000 |
| Mustang Advanced Engineering                          | 10 | 1519 | Spektra GmbH Dresden  | 8  | 8010 | Yokogawa Deutschland GmbH Test & Measurement                | 10 | 1466 |
| NAC Image Technology, Inc.                            | 8  | 8112 | SRM Technologies Private Ltd  | 10 | 1202 | Young Calibration   | 10 | 1578 |
| ODU GmbH & Co. KG                                     | 10 | 1258 | Stähle GmbH   | 10 | 1314 | ZD Automotive GmbH  | 10 | 1203 |
| Optimol Instruments Prüftechnik GmbH                  | 8  | 8448 | Star Hydraulics   | 8  | 8152 | ZES Zimmer Electronic Systems GmbH                          | 10 | 1362 |
| OptoFidelity  | 10 | 1746 | Step Engineering Srl  | 8  | 8130 | ZF Friedrichshafen AG                                       | 10 | 1542 |
| Optomet GmbH  | 10 | 1456 | STEST/ECATEST (European Certification Assessment and Testing Services GmbH) | 8  | 8400 |   |    |      |
| OPVengineering GmbH                                   | 8  | 8202 | Stiegele Datensysteme GmbH  | 10 | 1564 |   |    |      |
| Oxford Technical Solutions GmbH                       | 8  | 8345 | Stringo   | 10 | 1144 |   |    |      |
| Pass Testing Solutions                                | 10 | 1658 | Suita Electric Corporation  | 10 | 1270 |   |    |      |
| PCB Piezotronics GmbH                                 | 10 | 1548 | Suzhou ITImotor Technology Co. Ltd  | 10 | 1451 |   |    |      |

IPETRONIK

# M3 Series

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As an international company with many years of experience, we offer extensive expertise in vehicle field and test bench testing, climate acoustics, and thermal management. With our innovative software and hardware solutions, we are ready to implement all of today's and tomorrow's requirements.

360° Engineering for the Mobility of the Future.



# Pushing the boundaries in measurement technology

*Automotive Testing Technology International* recently spoke with Andreas Beyer, head of product management at Ipetronik, about the company's latest developments and what it will be showing in Stuttgart

## What do you plan to show at the expo?

We're excited to present a variety of our latest measurement technologies, software and engineering solutions, including a fully equipped test vehicle.

Our new Ethos 2 datalogger is designed for advanced automotive applications. It features a powerful Intel i7 processor with a performance index well above 10,000. This makes it incredibly efficient in managing high-volume data from CAN FD, LIN and ethernet networks.

Furthermore, we will showcase our new IPE853 datalogger. It's an efficient, low-power unit that builds on the success of our IPElog series including IPElog2, which has seen thousands of deployments worldwide. It includes a comprehensive set of interfaces like CAN FD, SIC, LIN, ETH, wi-fi and Bluetooth GNSS. It's designed to excel in fleet testing, validation of pre-series vehicles and comprehensive endurance road tests without requiring user intervention.

Our new M3 series of mobile DAQ modules is designed for precise operation in harsh environments. It sets new benchmarks in terms of versatile connectivity and robustness, offering high-bandwidth data transfer based on CAN FD, low power consumption, compact housing, cable-free interconnection and a rich feature set of software functionality.

The M3 series features an array of specialized modules, including the M-Thermo3 16 for advanced temperature sensing and the versatile M-Sens3 8, an eight-channel measurement module supporting a variety of inputs. The line-up will soon be enhanced by the introduction of the M-Gateway3, a universal interface module featuring various inputs and consolidating data buses into one system through standardized XCPonEth transmission protocol to support the most diverse measurement applications.

The M3 series eliminates the need for connecting cables between modules thanks to the MX-CAN contact connection. This means modules can simply connect magnetically, which speeds up commissioning and setup. Beyond just reducing setup times, this magnetic connection eliminates common issues like cable breakage and the need for stockkeeping. This not only lowers costs but also enhances safety during operation.

## What are some of the features and benefits of the new M-Thermo3 16?

M-Thermo3 16, a precise temperature sensing module with 16 selectable thermocouple



inputs, uses a CAN FD interface for fast data transfers up to 5Mbps. As part of the M3-based modules, it supports 64 CAN nodes, enhancing measurement capabilities and futureproofing with its modern bus system. The new device uses color-coded LEDs to show settings like thermocouple type – IEC or ANSI – aiding quick, safe configuration. It automatically detects and activates CANbus termination, reducing setup errors and issues from incorrect bus terminations.

The M-Thermo3 16, like all the other M3 modules, features a rugged IP67-rated design and is operable from -40°C to +125°C. It boasts a fast boot time, delivering data in under a second.

## What makes it the most precise temperature measurement module in its class?

It offers highly accurate, constant temperature measurements from -270°C to +1,372°C, with a maximum gain error at 23°C of only ±0.0070%. To achieve this high quality, each channel benefits from cold junction compensation, which actively mitigates external thermal influences. We monitor the transition from the measuring line to copper using 16 reference points to boost calculation accuracy.

Additionally, each measuring channel has its own analog to digital input converter to enhance module precision and reliability, avoiding the quality compromise seen with multiplexers. This individualized approach significantly enhances the precision and reliability of our modules. Furthermore, we employ a 'pre-aging' process where measuring channels undergo temperature cycling to minimize lifetime component drift and ensure consistent adjustments across all operation ranges. Pre-aging and precise temperature control, though time-consuming, are vital for our high product quality.

## What are the benefits of the M-Sens3 8?

The M-Sens3 8 offers eight customizable inputs for voltage, current and frequency measurements with sensor excitation per channel, enhancing its versatility. It features an intelligent load management system, delivering up to 75mA per channel.

The M-Sens3 8 also includes multicolor channel status LEDs for each input, which indicate the selected measurement mode and provide warnings and other status information. This enhances the safety and ease of monitoring. ◀

BELOW:  
The new  
Ethos 2  
datalogger



Find Ipetronik at Booth 1212



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# NETWORKING DRINKS PARTY

DAY 2, WEDNESDAY, JUNE 5  
From 17:00

Taking place in the park outside Hall 10

*In the event of bad weather, this will be held in Hall 9*



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# EXHIBITOR LISTINGS

## A

### 4activeSystems GmbH

**Booth: 8340**

**Web:** [www.4activesystems.at/en](http://www.4activesystems.at/en)

4activeSystems has experience in active vehicle safety, focusing on testing technologies. Its range includes dummy systems (pedestrians, vehicles and animals) and robot platforms that are suitable for a variety of applications such as crash tests and accident scenario simulations. Committed to customer needs, 4activeSystems optimizes processes to meet NCAP/UNECE requirements.

### AB Dynamics

**Booth: 8634**

**Web:** [www.abdynamics.com](http://www.abdynamics.com)

AB Dynamics is a leading provider of test solutions for the automotive industry. The impressive portfolio of products includes solutions for suspension and steering characterization, durability, active safety and autonomous driving. AB Dynamics is supporting its customers' drive toward automotive innovation, and ultimately developing safer and more reliable vehicles.

### Accurate Technologies GmbH & Co. KG

**Booth: 1686**

**Web:** [www.accuratetechnologies.com](http://www.accuratetechnologies.com)

Advanced data analysis software, cutting-edge CAN interfaces and loggers from Kvaser AB, media converters and gateway devices, CANway current clamps, plus Picoturn turbo speed sensors - Accurate Technologies will display hardware and software solutions designed to accelerate low- and high-voltage control system development across numerous powertrain formats.

### Acutronic Switzerland Ltd

**Booth: 1422**

**Web:** [www.acutronic.com](http://www.acutronic.com)

Acutronic's simulation and test division is the global market leader in high-performance motion simulation and test equipment. Its vibration test systems (shaker tables) allow users to carry out environmental tests to ensure the robustness or quality of manufactured products.

### Additium

**Booth: 8216**

**Web:** [www.additium.com](http://www.additium.com)

Additium is a high-tech engineering company with 25 years of direct experience in design, production, commissioning and custom test systems. It provides professional solutions and turnkey projects including full-scale crash test facilities, e-launchers, crash simulation systems (sleds) and electrical SBA and other component-level test rigs, according to international safety regulations.

### AIA (Chair of Fluid Mechanics and Institute of Aerodynamics) RWTH Aachen University

**Booth: 8326**

**Web:** [www.aia.rwth-aachen.de](http://www.aia.rwth-aachen.de)

The Chair of Fluid Mechanics and the Institute of Aerodynamics are part of the RWTH mechanical engineering department. Subsonic, transonic and supersonic wind tunnels and water tunnels are among its essential experimental facilities, in addition to special test rigs to study flow fields, e.g. within piston engines, through safety valves. The institute has developed the open-source solver m-AIA, a multiphysics PDE solver framework with a focus on fluid dynamics equations, allowing numerical analysis of internal and external, steady and unsteady, laminar and turbulent flows for complex geometries on high-performance computing systems.

### Aiolos Engineering Corporation

**Booth: 1226**

**Web:** [www.aiolos.com](http://www.aiolos.com)

Aiolos is a leading designer/builders of wind tunnels and specialty vehicle test facilities throughout the world. Its client base includes leading companies and organizations in the automotive, aerospace and R&D industries. Aiolos's services range from feasibility studies through to full facility engineering/design and complete turnkey supply.

### AIP Automotive GmbH Co. KG

**Booth: 1522**

**Web:** [www.aip-automotive.de](http://www.aip-automotive.de)

### Allengra GmbH

**Booth: 1774**

**Web:** [www.allengra.eu](http://www.allengra.eu)

Allengra produces ultrasonic sensors for the flow measurement of liquids and gases. Innovative features based on ultrasonic technology can be used for measurement evaluation. The areas of application range from temperature control applications with water/glycol mixtures to flow and injection processes for gasoline, oil or AdBlue and hydrogen measurement in fuel cell applications.

### Allion Labs Inc.

**Booth: 8006**

**Web:** [www.allion.com](http://www.allion.com)

With over 30 years of expertise in engineering, Allion Labs serves as a premier testing consultancy, offering real-time solutions globally. Its showcase features in-vehicle AI robotics testing, delving into e-cockpit challenges and cutting-edge methodologies. Explore AI robotic innovation, software-defined vehicle validation and best practices in automotive technology deployment.

### Alma Automotive

**Booth: 8326**

A University of Bologna spin-off, Alma Automotive merges academic knowledge and practical expertise, offering products and technical consultancy services. Alma specializes in real-time control, measurement electronics, powertrain analysis and racing data analysis. Services include tailored test solutions, dyno test cells, powertrain modeling and custom hardware solutions like battery simulators and hardware-in-the-loop systems.

### ALP.Lab GmbH

**Booth: 8500**

**Web:** [www.alp-lab.at](http://www.alp-lab.at)

ALP.Lab is the Austrian Euro NCAP test laboratory and central contact point for testing automated driving functions. Additionally, the company offers smart monitoring solutions (e.g. traffic monitoring) and training data for mobility AI, in addition to supporting customers in implementing autonomous mobility solutions.

### Amium GmbH

**Booth: 1006**

**Web:** [www.amium.at](http://www.amium.at)

Amium is your partner for mechatronics and automation solutions. Amium is a manufacturer of test bench equipment and test systems for e-mobility, hydrogen (analytics for fuel cells and hydrogen engines), gas analysis (PEMS systems and analytics for combustion engines), autonomous driving (ADAS), converter and interface solutions, and custom-made products according to individual customer requirements.

### Anhui Wanyi Science and Technology Co. Ltd

**Booth: 8142**

**Web:** [www.wayeal.com.cn](http://www.wayeal.com.cn)

Anhui Wanyi Science and Technology (stock code: 688600) independently develops and produces helium leak detectors; air tightness leak detectors; vacuum chamber helium detection systems; and helium charging, recovery and purification systems, which are widely used in the new energy, automotive, semiconductor, refrigeration, electric power, traditional vacuum, electronic appliance and other industries.

## Antriebssysteme Faurndau GmbH

**Booth: 1630**

**Web:** [www.faurndau.com](http://www.faurndau.com)

For over 70 years, Faurndau has stood for technological excellence in the development of speed-controlled drives. Its competent team is working on developing and optimizing electric dynos for numerous applications according to your individual requirements. The Faurndau portfolio includes dynos from simple applications to highly complex synchronous and asynchronous dynos.

## Apicom Group

**Booth: 1333**

**Web:** [www.api-com.group](http://www.api-com.group)

Apicom Group is a solutions and service provider of rotating test equipment for the transportation sector. With 45 years of experience, Apicom covers a wide range of sectors across EoL, production and R&D facilities. Come and meet the team at the booth to discuss the EoL EDU test bench.

## Applus+ Laboratories

**Booth: 8034**

**Web:** [www.appluslaboratories.com](http://www.appluslaboratories.com)

Applus+ Laboratories supports the electrification of the automotive industry, investing in the latest testing technologies. Through its network of laboratories, it provides testing and homologation services for vehicle electronics, HV systems, batteries and e-motors, including cybersecurity services. The labs' expertise also covers structures, components and materials testing.

## Aptiv Connected Services

**Booth: 1132**

**Web:** [www.aptiv.com/connected-services](http://www.aptiv.com/connected-services)

Aptiv Connected Services offers solutions for collecting and analyzing vehicle data. More than 70% of the world's leading manufacturers use its preproduction validation solution, Aptiv Connect Qualifier. It helps engineering teams save millions on test and operational costs by enabling them to quickly find and fix issues.

## Aralab

**Booth: 1354**

**Web:** [www.aralab.pt](http://www.aralab.pt)

Aralab specializes in creating advanced environmental simulation chambers for automotive testing. Offering precision climate control, Aralab chambers are ideal for rigorous automotive component testing, ensuring reliability and performance in extreme conditions. Visit the booth to discover solutions that drive innovation in automotive R&D. Aralab – your own climate.

## Arctest Oy

**Booth: 1710**

**Web:** [www.arctest.fi](http://www.arctest.fi)

Arctest is a leading Nordic manufacturer of environmental test equipment with sales offices in Finland and Sweden. It exports globally and in Europe works primarily through local partners. Arctest supplies environmental test equipment, tailored in accordance with customers' needs. The product portfolio consists of climate test chambers, rooms and mobile containers/trailers.

## Arctic Falls

**Booth: 1260**

**Web:** [www.arcticfalls.se](http://www.arcticfalls.se)

In the world's leading winter testing region, Arctic Falls offers state-of-the-art, high-tech testing facilities for the automotive and tire industries. The seven permanent testing facilities – five outdoor and two indoor – are close to the Arctic Circle in northern Sweden.

## Ascott Analytical Equipment Limited

**Booth: 1483**

**Web:** [www.ascott-analytical.com](http://www.ascott-analytical.com)

Ascott was established 35 years ago and is now a leading supplier of salt spray and cyclic corrosion cabinets. All Ascott's cabinets are manufactured in the UK and exported worldwide. Innovation, performance and technical excellence guide everything it does. Choosing an Ascott chamber ensures precise, compliant and repeatable testing.

## ATE Antriebstechnik und Etwicklungs GmbH & Co. KG

**Booth: 1770**

**Web:** [www.ate-system.de](http://www.ate-system.de)

One of the leading manufacturers of motor components and electric motors, ATE also develops and manufactures high-end test bench motors. From the selection of the motor topology to the design of the magnetic circuit and the parameterization of the controller, ATE implements the optimal drive solution for its customers.

## Atesteo GmbH & Co. KG

**Booth: 1553**

**Web:** [www.atesteo.com](http://www.atesteo.com)

Atesteo: excellence in powertrain testing for future CO<sub>2</sub>-neutral powertrains. With state-of-the-art technology, the highest engineering standards, 200 test benches worldwide and a wide range of testing services including NVH, environmental simulations, endurance testing, efficiency, functional tests, and brake, inverter and ADAS tests, Atesteo is a market leader in drivetrain testing. [www.atesteo.com](http://www.atesteo.com)

## ATP Automotive Testing Papenburg GmbH

**Booth: 8134**

**Web:** [www.atp-papenburg.de](http://www.atp-papenburg.de)

ATP, an accredited testing laboratory and designated technical service, operates a manufacturer-independent proving ground and provides excellent conditions for comprehensive vehicle testing. Benefit from test tracks, fully equipped workshops and testing facilities for advanced driver assistance systems (ADAS). ATP's experts will be pleased to support you with your next project.

## ATS Group

**Booth: 1740**

**Web:** [www.ats-group.org](http://www.ats-group.org)

ATS Group, a group of inspection and certification bodies designated a technical service by multiple authorities, can guarantee the release of type approval of components, systems, technical units and complete vehicles according to ECE and EU regulations.

## ATT Umweltsimulation GmbH

**Booth: 1114**

**Web:** [www.acstestchambers.com](http://www.acstestchambers.com)

ATT is one of the leading companies in the test equipment sector for quality assurance, research and development. Its innovative and technically advanced ACS test chambers are used worldwide by the most prestigious industrial companies for their ease of use, reliability and effectiveness.

## Aucoteam GmbH

**Booth: 8050**

**Web:** [www.aucoteam.de](http://www.aucoteam.de)

Aucoteam's accredited testing laboratory is available for in-depth technical discussions and consultations on environmental testing, testing services and test bench setup. The company offers standard services including UV, environmental, shocks, vibration, compressive and tensile, corrosion and IP degrees of protection tests, alongside testing connectors and materials. Aucoteam provides client-specific solutions.

## Auswuchttechnik Burkhardt

**Booth: 1344**

**Web:** [www.auswuchttechnik-burkhardt.de](http://www.auswuchttechnik-burkhardt.de)

Visit the booth to learn more about what Auswuchttechnik Burkhardt offers: balancing technology, field balancing of machinery and equipment; laser-optic precision alignment of clutches, cardan shafts and axels; repair services for machines, components and equipment; and development and modification of individually produced test beds for transmission, powertrain, electric motors and engines.

## Autocrypt

**Booth: 1126**

**Web:** [www.autocrypt.io](http://www.autocrypt.io)

Autocrypt is the industry leader in automotive cybersecurity technologies. It specializes in the development and integration of security software and solutions for in-vehicle systems, V2X communications and plug-and-charge, as well as security testing tools and services for vehicle development. Autocrypt's holistic solutions are designed to comply with UN R155/156.

## Automotive Research Association of India (ARAI)

**Booth: 8146**

**Web:** [www.araiindia.com](http://www.araiindia.com)

ARAI is India's leading automotive R&D organization with comprehensive state-of-the-art facilities and a strong team of 800+ trained employees. ARAI offers R&D, testing, certification and knowledge services in various automotive engineering areas to over 1,600 B2B customers every year. ARAI facilitates the formulation and harmonization of automotive standards.

## Automotive Testing Expo Europe 2025

**Booth: 8026**

**Web:** [www.testing-expo.com](http://www.testing-expo.com)

Visit the sales team in Hall 8 to book your booth for Automotive Testing Expo Europe 2025 and to receive information on other Automotive Testing Expos worldwide.

## Automotive Testing Technology International

**Booth: 8027**

**Web:** [www.automotivetestingtechnologyinternational.com](http://www.automotivetestingtechnologyinternational.com)

*Automotive Testing Technology International* is the world's only international publication focusing on all areas of automotive testing, development and evaluation. *Automotive Testing Technology International* is read by over 55,000 test and evaluation engineers, technical directors, chief engineers, R&D executives and board-level preproduction managers within car manufacturers, as well as Tier 1 and Tier 2 component manufacturers worldwide. Promote your company through a range of options, including dedicated 'technology profile' articles, supplier interviews and webinars.

## Autonomous Solutions Inc.

**Booth: 1447**

**Web:** [asirobots.com/companies/automotive](http://asirobots.com/companies/automotive)

ASI revolutionizes ADAS and proving ground management testing technology along with state-of-the-art durability, misuse and impact robotic test driving kits. Elevating safety, precision and efficiency, ASI saves you time and money while delivering exceptionally precise and actionable data. Stop by the booth to discover why countless OEMs rely on ASI.

## autotherm Nenninger GmbH & Co. KG

**Booth: 1168**

**Web:** [www.autotherm.net](http://www.autotherm.net)

autotherm, with 55 years of experience and flexible response to customer requirements, is your reliable partner for conditioning systems and chillers as well as temperature control units for water, water/glycols and technical oils. autotherm, as your one-stop provider, offers high-quality, customized solutions: from design, control cabinet construction and programming to system construction and testing.

## AV R&D, Ltd

**Booth: 1188**

**Web:** [www.avrnd.cz](http://www.avrnd.cz)

AV R&D is a Czech producer of special testing stands and testing equipment. Its products are based on customer requirements or standards. AV R&D develops and delivers tailored solutions for specific labs or testing facilities, based on its multidisciplinary engineering capabilities and testing center.

## Averna Technologies Inc.

**Booth: 1436**

**Web:** [www.averna.com](http://www.averna.com)

As a global test and quality solution leader, Averna helps OEMs and Tier 1/2 suppliers achieve higher product quality, faster time-to-market and brand protection. For the automotive sector, Averna offers innovative solutions and expertise for infotainment, ADAS, ECUs, EVs and more, covering all phases of the product lifecycle.

## AVL List GmbH

**Booth: 1530**

**Web:** [www.avl.com](http://www.avl.com)

AVL is one of the world's leading mobility technology companies for development, simulation and testing in the automotive industry, and other sectors such as rail, marine and energy. The company delivers concepts, technology solutions, methodologies and development tools in the areas of electrification, software, AI and automation.

## Axon Systems GmbH

**Booth: 1414**

**Web:** [www.axon-systems.de](http://www.axon-systems.de)

## B

### BCSA Gear

**Booth: 1251**

**Web:** [www.bcsa.fr](http://www.bcsa.fr)

BCSA Gear is specialized in designing and manufacturing custom-made gearboxes. It provides highly reliable reduction and step-up gearboxes (up to 130,000rpm) for test benches for the most demanding industries in terms of performance, lifetime and high precision.

## Beck-Messtechnik GmbH

**Booth: 1368**

**Web:** [www.beck-messtechnik.de](http://www.beck-messtechnik.de)

Beck-Messtechnik specializes in manufacturing individual test benches, environmental simulation (as an accredited laboratory) and software development (as an NI integration partner). With its three divisions, the company is your partner for the validation of products, whether you have your product tested externally or need a test stand for internal testing.

## Beijing Linggong Technology Co. Ltd

**Booth: 1520**

**Web:** [www.linggongtech.com](http://www.linggongtech.com)

Linggong is a professional enterprise in the design, R&D and manufacturing of temperature control products such as high/low-temperature cooling systems, industrial chillers, etc. These are widely used in many fields including new energy vehicles, production lines, new energy power generation, etc. Linggong also provides customized products for temperature control.

## Beijing Racobit Electronic Information Technology Co. Ltd

**Booth: 1472**

**Web:** [www.racobit.com](http://www.racobit.com)

Beijing Racobit Electronic Information Technology is a leading testing device manufacturer for automobiles from China, with strong R&D ability. The company focuses on testing sensor devices for automobiles, making supremely cost-effective and reliable solutions for customers from all over the world.

## BIA

**Sponsor**

**Web:** [www.bia.fr](http://www.bia.fr)

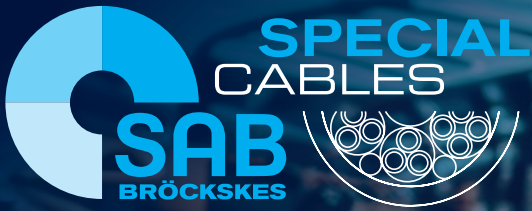
BIA is a global supplier of advanced test systems related to safety, engine and powertrain, vehicle dynamics, components for test systems, and environmental chambers. BIA offers a diverse and multifunctional product portfolio and a strong ability to meet customer-specific, focused needs.

## Blueberry, DAQ technology Group LLC

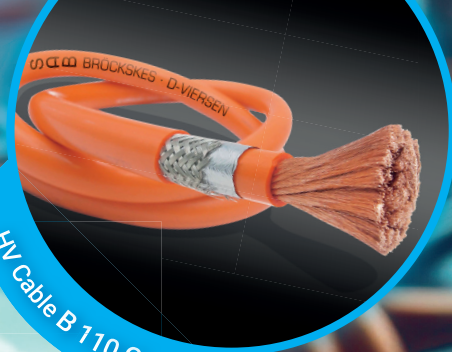
**Booth: 8616**

**Web:** [www.opendaq.com](http://www.opendaq.com)

openDAQ is the brand of Blueberry's joint venture company set up and owned by leading manufacturers of data acquisition systems (DAQs). It delivers designs and firmware source code for scalable DAQ ecosystems, both for parent companies and the wider community. Visit the booth or [opendaq.com](http://opendaq.com) to learn more.



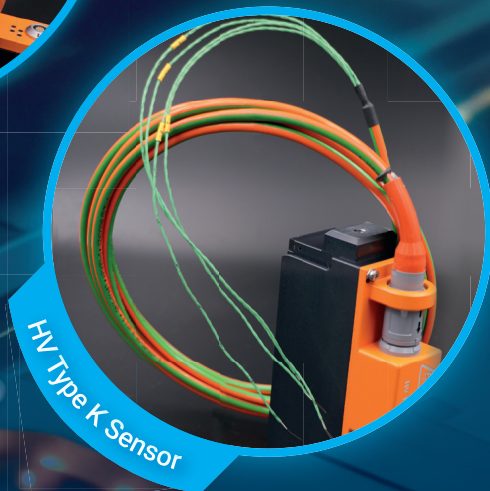
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## Blum-Novotest GmbH

**Booth: 1506**

**Web:** [www.blum-novotest.com](http://www.blum-novotest.com)

Blum-Novotest is one of the leading manufacturers of innovative and high-quality measuring and testing systems. The Novotest division is a supplier of test engineering for automotive and hydraulic applications. It supports your business success with custom-made solutions including development and manufacturing of test stands for R&D and end-of-line production.

## Bolab Systems GmbH

**Booth: 1454**

**Web:** [www.bolab-systems.com](http://www.bolab-systems.com)

Bolab develops, manufactures and sells automotive testing systems to simulate vehicle standards such as LV 124, VW 80000 and LV123. There are high levels of demand for Bolab's competence and experience in measuring applications. Customers appreciate the company's technical expertise, particularly in achieving system solutions.

## Bosmal Automotive Research & Development Institute Ltd

**Booth: 1376**

**Web:** [www.bosmal.com.pl](http://www.bosmal.com.pl)

Bosmal Automotive Research and Development Institute specializes in R&D services including material testing, component and assembly testing, homologation/type approval, road testing, emission testing, engine/powertrain testing, prototyping, manufacturing, engineering, production automation and engineering services. Visit [www.bosmal.com.eu](http://www.bosmal.com.eu) or email Aleksandra Kolodziej (key account manager) at [kam@bosmal.com.pl](mailto:kam@bosmal.com.pl) to learn more.

## Burke Porter

**Booth: 1552**

**Web:** [www.ascentiaitech.com](http://www.ascentiaitech.com)

Solutions for today's auto makers. Leveraging 70 years of end-to-end automotive experience, Burke Porter's comprehensive, industry-leading solutions drive efficiency and safety from the lab to the assembly line and aftermarket. This is why established titans of transportation and disruptive innovators alike count on Burke Porter to tackle their most complex challenges.

## C

## CAE Software und Systems GmbH

**Booth: 8556**

**Web:** [www.cae-systems.de](http://www.cae-systems.de)

CAE is a competent and innovative supplier for sound measurement. Acoustic cameras and microphone array systems are CAE's main products. These products are used to localize sound sources. CAE offers ultrasonic cameras and sensors for leakage detection (and other applications).

## Canway Engineering GmbH

**Booth: 1760**

**Web:** [www.canway.de](http://www.canway.de)

Canway will present its new current measurement devices, bus system modules and customized HIL test bench solutions, especially the CW-425 Quiescent Current Measurement with measurement range from 1µA up to 150A, high precision and CAN output.

## Carl Zeiss GOM Metrology GmbH (Zeiss Industrial Quality Solutions)

**Booth: 8624**

**Web:** [www.gom.com](http://www.gom.com)

Zeiss Industrial Quality Solutions is a leading manufacturer of multidimensional metrology solutions. These include coordinate measuring machines, optical and multisensor systems and microscopy systems for industrial quality assurance, as well as metrology software for the automotive, aircraft, mechanical engineering, plastics and medical technology industries.

## Catesby Projects

**Booth: 8600**

**Web:** [www.catesbyprojects.com](http://www.catesbyprojects.com)

Visit the booth to learn more about performance-driven engineering and aerodynamics and the Catesby Tunnel.

## cetecom advanced GmbH

**Booth: 8516**

**Web:** [www.cetecomadvanced.com/en](http://www.cetecomadvanced.com/en)

cetecom advanced is a global service provider for testing and certification. It offers regulatory EMC testing of electrical and electronic subassemblies, radio testing, radar measurements, eCall/ERA-GLONASS certification, environmental simulation and battery testing with testing capabilities even for critical test scenarios. cetecom advanced considers both regulatory aspects and industry requirements.

## CFM Schiller GmbH

**Booth: 8334**

**Web:** [www.cfm-schiller.de](http://www.cfm-schiller.de)

Many years of expertise in development and manufacturing have made CFM Schiller an innovative company in the field of vibration-isolated systems for test rig technology and industrial applications. It is a professional, worldwide-represented partner for standard solutions and of course for custom-designed individual solutions.

## CHCNav

**Booth: 8127**

**Web:** [www.chcnv.com](http://www.chcnv.com)

Founded in 2003, CHC Navigation (300627 SZ) creates innovative GNSS/INS navigation and positioning solutions to make customers' work more efficient. It is committed to providing end-to-end high-precision positioning solutions for the passenger vehicle intelligent driving, commercial vehicle closed-environment intelligent driving and ADAS detection industries.

## Chroma Germany GmbH

**Booth: 1100**

**Web:** [www.chromaeu.com](http://www.chromaeu.com)

Explore the innovative world of Chroma at Hannover Messe 2024! As a leading provider of testing and measurement solutions, Chroma offers highly precise, programmable power supplies, loads and test systems for power electronics. Visit the booth and experience technology at its finest.

## Cidtec Energy Storage

**Booth: 8609**

**Web:** [energystorage.cidtec.es](http://energystorage.cidtec.es)

Cidtec is a technological research center specializing in the generation of new battery technologies and their transfer to the industry, including product and process development, materials validation, pilot manufacturing, pack engineering, battery testing (including post-mortem analysis) and recycling. Cidtec installations are furnished with top-of-the-line equipment, including the most important laboratories for battery testing in southern Europe.

## Cineca Inter-University Consortium

**Booth: 8326**

Cineca is a non-profit inter-university consortium with total public shareholding operating according to the in-house organizational model, promoting the interest of consortium members as an instrumental body for the design and implementation of information technology solutions and services, the application transfer of technologies for the development and excellence of national higher education, training and research, and as a national infrastructure with a high technological impact.

## CME Technology Co. Ltd

**Booth: 8227**

**Web:** [www.creditcme.com](http://www.creditcme.com)

CME Technology was established in 2006 and is dedicated to providing testing equipment and solutions for mechanical environmental reliability tests. Products include shock/bump test systems, SRS test equipment, drop testers, transportation simulation test tables, hydraulic vibration shakers, constant acceleration testers, multi-DOF motion simulation tables, packaging test machines and more.

## comemso electronics GmbH

**Booth: 1402**

**Web:** [comemso.com/de](http://comemso.com/de)

E-mobility testing with comemso worldwide: since 2010, comemso has ensured you get your e-mobility products conforming to standard and robust. Accelerate your BMS and EV/EVSE testing with comemso's products for charging technology in line with all worldwide standards including IEC 61851-1, IEC 61851-23, SAE J1772, DIN 70121, ISO 15118, CHAdeMO, GB/T and NACS.

## Compredict GmbH

**Booth: 1750**

**Web:** [compredict.ai](http://compredict.ai)

Compredict's Virtual Sensor Platform is a cutting-edge software solution that enables the management of virtual sensors in the automotive industry. It offers a portfolio of instantly usable virtual sensors for various needs, which can be deployed over the cloud or directly into vehicles.

## Controlar, SA

**Booth: 1374**

**Web:** [www.controlar.com](http://www.controlar.com)

Controlar Innovating Industry is a leading multinational company that specializes in industrial automation and test systems, with a focus on the automotive industry. The company provides a wide range of services, including the design, development and integration of automated test systems, data acquisition and analysis, production line automation and quality control.

## Crystal Instruments

**Booth: 8436**

**Web:** [www.crystalinstruments.com](http://www.crystalinstruments.com)

Crystal Instruments leads innovation in vibration testing with comprehensive systems for single-axis and multiple-axis (MIMO/MESA/MDOF) vibration testing. Patented technology, cloud monitoring and advanced safety features are used to create complete testing systems for leading automotive industry manufacturers. Combined environmental testing includes temperature, humidity and vibration. Visit [www.crystalinstruments.com](http://www.crystalinstruments.com) to learn more.

## CSI Spa

**Booth: 1468**

**Web:** [automotive.csi-spa.com/en](http://automotive.csi-spa.com/en)

The automotive business unit of CSI, a company of the IMQ Group, is one of the most qualified centers in Europe and the only one in Italy capable of dealing with vehicle safety issues using an integrated approach, from active to passive safety, including environmental performance, electrification, connectivity and cyber.

## CSM Computer-Systeme-Messtechnik GmbH

**Booth: 1414**

**Web:** [www.csm.de](http://www.csm.de)

CSM is a manufacturer of distributed and robust measurement technology for vehicle development. From its international offices, CSM supports many industries worldwide in the successful transition to electrified systems with its products. Offering a suitable measurement technology solution, supported by an expert team, is key to CSM's success.

## CTAG

**Booth: 1458**

**Web:** [www.ctag.com](http://www.ctag.com)

CTAG is a testing and R&D service center dedicated to the automotive and mobility sectors. More than 1,200 engineers and technicians develop and test innovative new products. Testing highlights include EV lab, combined tests in complete car climatic chambers, multi-axis shakers, EMC, HIL/SIL/MIL test benches and test tracks for ADAS/AD.

## CTS Clima Temperatur Systeme GmbH

**Booth: 1332**

**Web:** [www.cts-umweltsimulation.de](http://www.cts-umweltsimulation.de)

CTS GmbH is one of the world's leading experts in the manufacture and sale of environmental simulation devices in which it simulates cold, heat, humidity, pressure and other influences.

## CVMS Climatic

**Booth: 1274**

**Web:** [www.cvmsclimatic.com](http://www.cvmsclimatic.com)

CVMS Climatic provides specialist environmental test equipment for the automotive industry, simulating temperature, humidity, altitude, solar radiation, IPXX, pollution, corrosive atmospheres, vibration and shock. Experience in all aspects of environmental testing including combined testing, such as simultaneous vibration and temperature cycling, is at your disposal. Bespoke equipment is a specialty.

## CyberJoin

**Booth: 8054**

**Web:** [www.cyberjoin.de](http://www.cyberjoin.de)

The CyberJoin transformation hub, coordinated by the MPA at the University of Stuttgart and the Gesellschaft für Schweißtechnik International mbH and funded by the Federal Ministry for Economic Affairs and Climate Action (BMWK), supports car manufacturers and suppliers of components for bodywork, chassis and e-machines on the path to e-mobility.

## D

## Dasym GmbH

**Booth: 1622**

**Web:** [www.dasym.de](http://www.dasym.de)

Dasym is an innovative test bench supplier with more than 35 years of experience. It delivers test bench systems for research and development (R&D) and end-of-line (EOL) testing. The modular test bench platform is designed for testing e-motors, e-axes, batteries and inverters, as well as e-fuel and hybrid testing.

## Deico

**Booth: 1143**

**Web:** [www.deico.com.tr](http://www.deico.com.tr)

Deico, originally focused on producing high-technology test systems for the automotive, defense and aerospace industries, has evolved into a company that harnesses its belief in innovation and inherent potential to bring new products to the global market. These include real-time and HIL test systems, ATEs and dynamic test systems.

## Dekati Ltd

**Booth: 8232**

**Web:** [www.dekati.com](http://www.dekati.com)

Dekati has 30 years of excellence in particle measurement solutions for automotive R&D, testing and homologation. Visit the booth to see Dekati's top-notch setups for on-and-off-road engine, brake and tire wear particle emission measurements.

## DEKRA Automobil GmbH

**Booth: 1612**

**Web:** [www.dekra.de](http://www.dekra.de)

## Delta Motion Ltd

**Booth: 8252**

**Web:** [www.deltamotion.com](http://www.deltamotion.com)

Delta Motion is a manufacturer of industrial automation products with a focus on high-performance hydraulic motion control. Delta's RMC motion controllers can control systems with up to 50 axes of closed-loop position and pressure/force control. For over 40 years, Delta has been known for best-in-class products, and responsive, knowledgeable support.

## Dewesoft d.o.o.

**Booth: 8514**

**Web:** [www.dewesoft.com](http://www.dewesoft.com)

Dewesoft is a manufacturer of modular and extendable DAQ solutions for automotive research and development in vehicle dynamics, drivetrain analysis, NVH, vehicle durability, road load data and ADAS testing for autonomous vehicles. All types of propulsion systems – combustion, electric and hybrid – can be analyzed and fully synchronized to further measurement parameters.

## Dewetron

**Booth: 8332**

**Web:** [www.dewetron.com](http://www.dewetron.com)

Dewetron is your reliable partner for data acquisition challenges. With a high 'Made in Austria' quality, it offers customers a wide range of data acquisition systems that guarantee the highest precision and comprehensive measurement data. Visit the booth to take a look at the portable power analyzer – the DEWE3-A4.

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## Digiteq Automotive sro

**Booth: 1476**

**Web:** [www.digiteqautomotive.com](http://www.digiteqautomotive.com)

Digiteq Automotive is a Volkswagen Group company focused on the development and testing of automotive electronics and software. Since 2001, Digiteq Automotive has been developing and manufacturing its own automated testing tools. The Remote Test Lab (RTL) solution provides flexibility, cost reduction and increased efficiency in remote testing scenarios.

## DSD – Dr Steffan Datentechnik GmbH

**Booth: 8233**

**Web:** [dsd.at](http://dsd.at)

New ADAS proving ground in Upper Austria: in addition to its existing passive safety proving ground, DSD recently opened its new Euro NCAP-compliant proving ground specially designed for active safety testing. A road marking robot exhibited at the booth enables previously unachieved flexibility in the field of temporary road markings.

## dSpace GmbH

**Booth: 1324 / Sponsor**

**Web:** [www.dspace.com](http://www.dspace.com)

dSpace is a leading global provider of simulation and validation solutions for developing connected, autonomous and electrically powered vehicles. With more than 2,600 employees worldwide, the company is headquartered in Paderborn, Germany; has three project centers in Germany; and serves customers through regional dSpace companies in eight countries.

## DTS – Diversified Technical Systems, Inc.

**Booth: 8402**

**Web:** [www.dtsweb.com](http://www.dtsweb.com)

DTS is a leading manufacturer of data acquisition systems and sensors designed for automotive passive safety testing including crash, blast, pedestrian, rollover, component, ATD calibration and airbag fire. DTS in-dummy DAS solutions support NHTSA and Global NCAP configurations, in addition to ISO 6487 and SAE J211 requirements.

## Dunasys ingénierie

**Booth: 1400**

**Web:** [www.dunasys.com](http://www.dunasys.com)

Dunasys develops and manufactures state-of-the-art connected dataloggers that can be customized to meet your specific requirements for engineering, testing and validation of land, marine and air vehicles with up to 12 CAN FD and 2 LIN channels with strong references amongst car manufacturers, OEMs and defense contractors.

## durcrete GmbH

**Booth: 8300**

**Web:** [www.durcrete.de](http://www.durcrete.de)

durcrete, the German specialist for machine components made of UHPC (ultra-high-performance-concrete), trades in precision-machined UHPC parts and casting compounds for mechanical engineering and advises on construction, from computational design with FEM through to the construction of a production facility. UHPC has exceptional strength, durability and damping properties.

## dynamic E flow GmbH

**Booth: 1734**

**Web:** [www.dynamiceflow.com](http://www.dynamiceflow.com)

## Dynisma Ltd

**Booth: 1504**

**Web:** [www.dynisma.com](http://www.dynisma.com)

Delivering the most dynamic, accurate and realistic driving simulators in the world. Founded by ex-F1 engineer Ash Warne in 2017, Dynisma technology offers unparalleled correlation to real-world vehicles. Dynisma supports automotive OEMs and motorsport teams worldwide through fully bespoke driving simulator solutions. Arrange your demo today.

## E

### e:fs TechHub GmbH

**Booth: 8032**

**Web:** [www.efs-techhub.com](http://www.efs-techhub.com)

As automotive enthusiasts and software geeks, the e:fs team is driving the future of mobility forward. Its testing expertise and unique approach enable it to develop innovative, disruptive and customized products that solve your problems. The team is happy to advise you on the company's portfolio.

### E&C Testlab GmbH

**Booth: 1136**

**Web:** [www.ec-testlab.de](http://www.ec-testlab.de)

E&C Testlab is an accredited laboratory in the automotive, industrial and environmental sectors according to ISO 17025.

### EA Elektro-Automatik GmbH & Co. KG

**Booth: 1574**

**Web:** [www.elektroautomatik.com](http://www.elektroautomatik.com)

The EA Elektro-Automatik Group (EA) is Europe's leading supplier of power electronics for R&D and industrial applications. At the German headquarters, 450 qualified associates research, develop and produce high-tech equipment for programmable power supplies, high-power mains adapters and electronic loads, with and without mains feedback.

## Easting Electronics

**Booth: 8212**

**Web:** [www.eastingelectronics.com](http://www.eastingelectronics.com)

Easting Electronics's total wireless technology bridges the gap between fixed and moving parts. It has multiphysics solutions not only for torque but much more. The technology architecture brings inductive power to moving parts and transmits the data stream synchronously with strict attention to data integrity and without losses.

## Econ Technologies Co. Ltd

**Booth: 1286**

**Web:** [www.econ-group.com](http://www.econ-group.com)

## EDAG Engineering GmbH

**Booth: 1568**

**Web:** [www.edag.com](http://www.edag.com)

The EDAG Group is a globally leading, independent engineering services provider that combines excellent engineering with the latest technology trends. The company develops unique mobility and industrial solutions for customers that include the world's leading automotive and non-automotive companies.

## Electra M&E Deutschland

**Booth: 1666**

**Web:** [www.electra-me.de](http://www.electra-me.de)

Visit the booth to discuss individual test bench solutions in the area of vehicle air conditioning: thermal management systems, air supplies, coolant conditioning, refrigeration circuits, test benches for compressors and heat exchangers and drive-in climate chambers for vehicle emissions testing. Electra works with well-known manufacturers of DAQ and control systems.

## eMpulse Test Systems

**Booth: 8106**

**Web:** [empulsetestsystems.com](http://empulsetestsystems.com)

eMpulse, a global leader in servoelectric technology, boasts 40+ years of innovation and over 200 installations worldwide. Specializing in energy-efficient solutions, it offers unparalleled precision, reliability and safety. eMpulse road simulators and vibration systems accelerate product development, enhance performance and significantly reduce operational costs and environmental impact. Smarter. Sustainable. Servoelectric.

## Encopim, SL

**Booth: 8534**

**Web:** [www.encopim.com](http://www.encopim.com)

Encopim is a leading company in the development, manufacturing, installation, commissioning and later servicing of turnkey testing equipment. In the automotive sector, Encopim supplies customers with passive safety equipment (e.g. crash simulation systems and impact test machines) and powertrain test rigs (e.g. for e-drives or shafts).

## Engie Deutschland GmbH

**Booth: 1332**

**Web:** [www.engie-deutschland.de](http://www.engie-deutschland.de)

## Ernst + Co Prüfmaschinen GmbH

**Booth: 8452**

**Web:** [www.ernst-gruppe.de](http://www.ernst-gruppe.de)

Ernst + Co Prüfmaschinen is one of the leading German manufacturers of innovative technologies for the vehicle safety and test system industry. The company's product offerings range from application-specific crash systems to automotive test beds as well as customized testing equipment.

## Espec Europe GmbH

**Booth: 1384**

**Web:** [www.espec.de](http://www.espec.de)

Espec has been the world's leading manufacturer of test chambers for climate and temperature tests for more than 75 years. ThermoTEC, Espec's distributor and servicing partner in central Europe, offers a wide range of environmental test chambers and corresponding services (e.g. DAKkS calibration, rental equipment and customized chambers for battery testing).

## ETS Solutions Europe GmbH

**Booth: 1272**

**Web:** [www.etssolutions.eu](http://www.etssolutions.eu)

The primary goal of ETS Solutions has always been to provide its customers with professional products and services within the important global vibration testing market. The success of ETS Solutions is based on its ability to always supply customers with products that correspond to the latest state of the art!

## Excellerat

**Booth: 8326**

**Web:** [services.excellerat.eu](http://services.excellerat.eu)

The Excellerat project is a single point of access for expertise on how data management, data analytics, visualization, simulation-driven design and co-design with high-performance computing (HPC) can benefit engineering, especially in the automotive, aeronautics, energy and manufacturing sectors.

## Exxotest

**Booth: 1112**

**Web:** [exxotest.com](http://exxotest.com)

Exxotest develops hardware and software testing solutions for CAN FD, Diag on CAN, ethernet (DoIP and 100BASE-T1), LIN and J1939. Exxotest offers complete and cost-effective solutions for bus and component testing, analysis, emulation and datalogging. It also designs personalized solutions for EOL testers and connected diagnostic tools.

## F

## Fabreeka GmbH Deutschland

**Booth: 8424**

**Web:** [www.fabreeka.de](http://www.fabreeka.de)

## Fakt GmbH

**Booth: 8250**

**Web:** [www.fakt.com](http://www.fakt.com)

Fakt offers development tests and associated homologation for vehicles and components. New this year are WLTP tests for brake dust emissions, pressure alternating testing and burst testing of hydrogen tanks, environmental testing of fluid systems and electrical components, development and COP testing and certification services and test bench construction.

## FEV Software and Testing Solutions SAS

**Booth: 1218**

**Web:** [www.fev.com](http://www.fev.com)

FEV Test Systems offers state-of-the-art test benches for battery, e-drive, hydrogen, HIL and conventional applications. With Morphee Next, it offers a suite of tools from test bench automation to test center management. FEV Test Systems offers its services worldwide with teams supporting clients locally.

## FGB Fertigungsgerätebau Adolf Steinbach GmbH & Co. KG

**Booth: 8538**

**Web:** [www.fgb.de](http://www.fgb.de)

FGB is a globally active company that develops and manufactures products either to its own standards or exactly to customer specifications. Its expertise includes reliable test bench components in the servohydraulic and mechanical fields as well as customized test benches, all in outstanding quality, made in Germany.

## FiSens GmbH

**Booth: 1252**

**Web:** [www.fisens.com](http://www.fisens.com)

FiSens offers fiber-optic sensor systems based on fiber Bragg gratings and an innovative mini spectrometer for distributed measurement of temperature/strain/force/pressure.

## Flanders Make

**Booth: 8641**

**Web:** [www.flandersmake.be/en](http://www.flandersmake.be/en)

Flanders Make focuses on industry-driven research and innovation in Flemish manufacturing, emphasizing open innovation in mechatronics and product development. It fosters collaboration among companies, resulting in advancements in vehicle, mechanical and production technologies. The organization prioritizes international partnerships and contributes to European research initiatives.

## Fogtec Brandschutz Systeme GmbH

**Booth: 1174**

**Web:** [www.fogtec.com](http://www.fogtec.com)

For more than 25 years, owner-managed Fogtec has been one of the world's leading suppliers of special fire protection systems. Fogtec systems are used in a variety of applications – for example protecting automotive test stands, climatic chambers and test chambers, including applications with lithium-ion batteries.

## Ford Lommel Proving Ground

**Booth: 8638**

**Web:** [www.fordlpg.com](http://www.fordlpg.com)

Lommel Proving Ground is an extensive proving ground facility intended to simulate a wide range of road types and events, all correlated with customer use cases. Key testing capabilities include full durability, full corrosion, driving assistance technologies, electronics, performance and brake testing, NVH and vehicle dynamics, testing and development.

## Ford Merkenich Technical Center

**Booth: 8638**

test@FORD is an organization of Ford-Werke GmbH and offers engineering, test services and rentals of facilities according to a huge portfolio of certified state-of-the-art test facilities located in Germany, Belgium and the UK.

## framag

**Booth: 1512**

**Web:** [www.framag.com](http://www.framag.com)

framag develops solutions for all your testing tasks. From individual components and the subsystems of your test setup to the realization of entire test systems, it realizes your individual testing requirements from the initial concept through to data evaluation. Everything from one source: from mechanical manufacturing to software development.

## Fraunhofer IESE

**Booth: 8352**

**Web:** [www.iese.fraunhofer.de](http://www.iese.fraunhofer.de)

Fraunhofer IESE is an independent, application-oriented research institute that supports companies in the introduction of new technologies and the development of innovative solutions. Virtual validation and simulation of automotive applications with high software content is a central element. Fraunhofer's customized solutions meet the highest standards and provide a technological edge.

# Rethinking Powertrain Testing



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Learn more about our testings solutions at [www.rototest.com](http://www.rototest.com)

**G**

**Gantner Instruments**

**Booth: 1434**

**Web:** [www.gantner-instruments.com](http://www.gantner-instruments.com)

Gantner Instruments provides high-precision measurement and control systems for the automotive testing industry, ensuring vehicle safety and performance since 1982. Its customizable solutions enable various tests, such as durability and climate, providing valuable data for performance improvement. Gantner offers flexible and reliable solutions for the automotive industry's demanding testing needs.

**GCS Test**

**Booth: 1266**

**Web:** [www.gcs-lab.com](http://www.gcs-lab.com)

GCS provides reliable testing, homologation and engineering services as a testing laboratory and technical service for the automotive and rail industries. GCS Test is a designated technical service for all categories (A, D-17025; B, D-17020, C-17021), including whole vehicle type approval by the German Type Approval Authority KBA (Kraftfahrt-Bundesamt).

**Generation RFID**

**Booth: 1254**

**Web:** [www.generationrfid.com](http://www.generationrfid.com)

Generation RFID provides innovative solutions for Tier 1 and OEM vehicle electronics developers and manufacturers concerning embedded developments, automotive firmware and EOL functional testers.

**GeneSys Elektronik GmbH**

**Booth: 8314**

**Web:** [www.genesys-offenburg.de](http://www.genesys-offenburg.de)

For almost 30 years, GeneSys has been developing high-precision and innovative sensor systems for demanding test and measurement applications. Laser measurement technology and inertial sensors are used to capture precise position and motion data of vehicles. The GNSS-based inertial system ADMA was developed especially for vehicle dynamics analysis and ADAS.

**Gesellschaft für industrielle Netzwerke GmbH (GiN)**

**Booth: 1606**

**Web:** [www.gin.de](http://www.gin.de)

GiN GmbH provides innovative dataloggers and engineering services for secure mobility. Its customized solutions encompass industrial networks and field bus systems. Visit the booth for tailored datalogger solutions and personalized consultations.

**Getec Getriebe Technik GmbH**

**Booth: 1584**

**Web:** [getec-gmbh.com](http://getec-gmbh.com)

Getec Getriebe Technik is an independent engineering service provider specializing in vehicle and drivetrain solutions. With a focus on drivetrain product development, it offers tailored services to meet clients' needs, ensuring efficient and innovative solutions in the automotive industry.

**Göpel electronic GmbH**

**Booth: 1355**

**Web:** [www.goepel.com](http://www.goepel.com)

Göpel electronic is an automotive test systems vendor also specializing in electric and optical test and inspection systems for electronic components and PCBs. The automotive test solutions division offers modular function test systems, diagnostic tools for control units, simulation systems for electronic components and end-of-line test systems.

**GRAS Sound & Vibration**

**Booth: 1446**

**Web:** [www.grasacoustics.com](http://www.grasacoustics.com)

GRAS is a leading manufacturer of state-of-the-art measurement microphones. It serves R&D, production engineering, QA and production units within the aerospace, automotive, audiology and consumer electronics industries with strict requirements for microphone accuracy and repeatability.

**GTSYSTEM GmbH**

**Booth: 1584**

**Web:** [www.getec-gmbh.com](http://www.getec-gmbh.com)

Getec Getriebe Technik is an engineering solution provider focusing on powertrain development and testing solutions with non-stop testing, 24 hours a day, 365 days a year. GTSYSTEM specializes in solutions for testing facilities development, especially test benches for transmission, powertrain and hybrid and electric drive units.

**GTW Dr Gebert Technologie und Wälzlager GmbH**

**Booth: 1770**

**Web:** [www.gtwgmbh.com/de](http://www.gtwgmbh.com/de)

GTW provides revolutionary high-performance motors for test benches. They are powerful, precise and innovative, providing 24/7 S1 operation. RigBe S+ - 30,000rpm, 600kW, 600Nm; RunBe - 150,000rpm, 11kW, 1.1Nm.

**Guangdong Labtone Test Equipment Co. Ltd**

**Booth: 1448**

**Web:** [www.labtone-global.com](http://www.labtone-global.com)

Labtone offers a wide variety of testing equipment systems including vibration, shock, drop and combined testing, and provides the most suitable testing solutions for your needs. Trust Labtone's high-quality testing equipment to help ensure the safety and reliability of your products.

**Guangdong SMS Intelligent Equipment Co. Ltd**

**Booth: 1244**

**Web:** [www.smstestsolutions.com](http://www.smstestsolutions.com)

With 29 years of manufacturing experience, Guangdong SMS Intelligent Equipment now boasts 150+ workers and 40+ engineers (structure, refrigerant, assembly, quality control, pre-tests), two production lines and a 10,000+ m<sup>2</sup> facility. Products cover the full range of automotive parts and even whole automobiles to run environmental reliability tests.

**Gustav Klein GmbH & Co. KG**

**Booth: 1402**

**Web:** [www.gustav-klein.com](http://www.gustav-klein.com)

Gustav Klein has the right solution for your power supply. The company has been supplying power supply equipment and systems for 75 years. Its know-how and experience from qualified employees offer reliability and competence in solving your specific requirements. Gustav Klein is your partner for application-specific solutions.

**GW-Instek: Good Will Instrument Euro BV**

**Booth: 1580**

**Web:** [www.gwinstek.com/en-gb](http://www.gwinstek.com/en-gb)

Founded in 1975, Good Will Instrument was the first professional manufacturer in Taiwan specializing in electrical test and measurement instruments. GW Instek started as a manufacturer of power supplies and quickly expanded into the development of high-precision electronic test and measurement instruments.

**H**

**Hagenbuch Hydraulic Systems AG**

**Booth: 1370**

**Web:** [www.hagenbuch.ch](http://www.hagenbuch.ch)

Hagenbuch plans, develops, supplies and commissions complex systems all over the world. High competence in hydraulic drive technology including controller technology, fast electronics and masterful mechanics enables it to build high-performance test benches including the Hexamove system, pulsation drives with hydrostatic bearings, force control systems and pressure intensifiers with imaginative software.

**Hausmann Industrieelektronik**

**Booth: 1344**

**Web:** [www.sh-el.de](http://www.sh-el.de)

Hausmann Industrieelektronik provides innovative universal test bench inverters for the operation and characterization of electric vehicle motors with operating voltages of 48-1,000V; the BSR48HP battery simulator (12-48V); test bench cooling systems; vehicle electrical system simulations (LISN); automated transmission shifting systems; linear actuators; and customer-specific developments.

## Head acoustics GmbH

**Booth: 8506**

**Web:** [www.head-acoustics.de](http://www.head-acoustics.de)

Head acoustics is a leading global provider of holistic and customized products and solutions for sound and vibration analysis and enjoys international recognition for its expertise and pioneering role. The company has subsidiaries in China, France, India, Italy, Japan, South Korea, the UK, the USA and numerous distribution partners worldwide.

## Herbert Hänchen GmbH

**Booth: 1656**

**Web:** [www.haenchen.de](http://www.haenchen.de)

Herbert Hänchen is a manufacturer of one of the largest test actuator ranges on the market and complements these with further components for test stand construction. This includes actuators for high-dynamic tests with high lateral forces as well as servoactuators for lower side loads and long strokes.

## High-Performance Computing Center Stuttgart (HLRS)

**Booth: 8326**

**Web:** [www.hlrs.de/projects/detail/osccar](http://www.hlrs.de/projects/detail/osccar)

The High-Performance Computing Center Stuttgart (HLRS), the first German national high-performance computing center, builds on a tradition of supercomputing at the University of Stuttgart that stretches back to 1959. Affiliated with the University of Stuttgart and a founding member of the Gauss Centre for Supercomputing, HLRS provides state-of-the-art HPC services to academics and industry, providing advanced training in HPC programming and simulation and conducting research to address key problems facing the future of supercomputing.

## Hochschule Mannheim

**Booth: 8326**

**Web:** [www.kve.hs-mannheim.de](http://www.kve.hs-mannheim.de)

The Competence Center for Virtual Engineering (KVE) Rhein Neckar, as a part of CeMOS, is a transdisciplinary institution of Mannheim University of Applied Sciences that focuses on digital transformation topics. KVE researches sustainable cooperation and promotes technology transfer in the Rhein-Neckar metropolitan region through continual knowledge exchange of innovative technologies and the synergetic combination of virtual reality, augmented reality, mixed reality and digital twins (DT), to create new opportunities for the automotive industry.

## Hoerbiger Elektronik GmbH

**Booth: 1140**

**Web:** [www.hoerbiger.com](http://www.hoerbiger.com)

Hoerbiger Elektronik stands for powerful test and diagnostic technology, but also for innovative applications, everywhere in vehicle production. The main users are manufacturers in the truck and commercial vehicles sector but car and special machine manufacturers are also important customers. Examples of solutions include EOL test benches and flash units.

## Hottinger Brüel & Kjaer GmbH

**Booth: 8401**

**Web:** [www.hbkworld.com](http://www.hbkworld.com)

Accelerate your product innovation with HBK solutions in virtual, physical and in-process testing. From the electrification of mobility to the advancement of smart manufacturing, HBK supports you throughout the entire product lifecycle, sharing your mission for a cleaner, healthier and more productive world. Visit [www.hbkworld.com](http://www.hbkworld.com) for more details.

## Humanetics

**Booth: 8606**

**Web:** [www.humaneticsgroup.com](http://www.humaneticsgroup.com)

Humanetics is a leading provider of precision safety systems, simulation models, ergonomic software and advanced sensor technologies. The group has 1,000 employees across 21 facilities strategically located around the world with the global corporate headquarters situated in Farmington Hills, Michigan, USA.

## Hunan Next Generation Instrumental T&C Tech Co. Ltd

**Booth: 1501**

**Web:** [www.ngi-tech.com](http://www.ngi-tech.com)

As a professional electronic solution provider for intelligent manufacturing, NGI is customer-centric and goal-oriented, committed to the research and exploration of measurement and control solutions in the new energy, consumer electronics, semiconductor, automotive electronics, scientific research, education and related industries.

## Hunan SuperTek Measurement Technology Co. Ltd

**Booth: 8629**

**Web:** [www.hn-smt.cn](http://www.hn-smt.cn)

Supertek is an industry expert in ADAS testing and high-precision positioning. It integrates R&D, production and testing to provide a comprehensive ecosystem solution. Supertek cordially invites global agents to collaborate in building an innovative platform and a shared future.



## IABG mbH

**Booth: 8520**

**Web:** [www.iabg.de](http://www.iabg.de)

IABG has been an independent partner of the automotive industry for over 50 years. Today, it is one of the leading test houses in Europe. IABG offers its customers the benefit of a one-stop accredited service provider for test systems, product qualification and general contracting of entire test centers.

## IAMT Engineering GmbH & Co. KG

**Booth: 8633**

**Web:** [www.iamt.de](http://www.iamt.de)

IAMT Engineering is your systems development partner for chassis systems, structural components and mechanical assemblies in drivetrains. As a full-service provider, engaged in the development of individual components, assemblies and systems across every stage of the process, IAMT supports its customers from concept to SOP.

## IAMT Prüfsysteme GmbH

**Booth: 8633**

**Web:** [www.iamt.de](http://www.iamt.de)

IAMT Prüfsysteme is your system partner for test solutions for the automotive and commercial vehicle industry and railway and medical equipment. IAMT Prüfsysteme offers the development, construction, manufacturing and commissioning of test facilities, together with a comprehensive portfolio of services extending to consultancy in the definition and development of new test concepts.

## IAV

**Booth: 1404**

**Web:** [www.iav.com](http://www.iav.com)

IAV is developing the mobility of the future and has become one of the world's leading engineering partners by developing holistic solutions in vehicles and technologies. Visit the booth and find out more about IAV's expertise in the field of test technologies.

## Ibis GmbH

**Booth: 1204**

**Web:** [www.ibis-gmbh.de](http://www.ibis-gmbh.de)

Ibis is your powerful partner for products and consultant services in the area of vibration measurement and analysis; rotational and torsional vibration monitoring and analysis; modal analysis and determination of natural frequencies; balancing, laser alignment, machine and bearing condition monitoring; machine diagnosis and vibration improvements; sensors, accelerometers and monitors especially for test beds; and spinning solutions.

## IBS Precision Engineering GmbH

**Booth: 8307**

**Web:** [www.ibspe.de](http://www.ibspe.de)

IBS Precision Engineering offers top-performing air bearings for high-precision test setups. These frictionless, oil-free bearings deliver superior speed and accuracy, ideal for creating perfect testing conditions. Choose from the industry's widest range of top-performing air bearings, including custom designs. Boost efficiency, reduce costs and streamline your (vehicle) testing process.

## iMAR Navigation GmbH

**Booth: 8336**

**Web:** [www.imar-navigation.de](http://www.imar-navigation.de)

iMAR Navigation has been known for the most precise automotive measurement technology on proving grounds and public roads for more than 30 years. The devices of the iTraceRT-MVT series provide vehicle trajectory and movement dynamics with unmatched accuracy on the market as a plug-and-play solution.

## imc Test & Measurement GmbH

**Booth: 1446**

**Web:** [www.imc-tm.com](http://www.imc-tm.com)

imc Test & Measurement is a manufacturer and solution provider of test and measurement systems. Together with its customers from various fields, imc implements metrological solutions for research, development, service and production. imc is part of Axiometrix Solutions, a leading test solutions provider comprised of globally recognized measurement brands.

## IMV Corporation

**Booth: 8122**

**Web:** [www.imv.co.jp](http://www.imv.co.jp)

The automotive industry is currently undergoing a once-in-a-century transformation. The key to this transformation is CASE, which stands for connected, autonomous, shared/ service and electric. IMV is committed to accelerating CASE in many ways.

## iNDTact GmbH

**Booth: 1014**

**Web:** [www.indtact.de](http://www.indtact.de)

iNDTact develops, produces and sells sensor systems based on a unique structure-borne sound measurement technology. At the expo, it will be presenting its innovative solution for the quality testing of plug connections. iNDTact also offers structure-borne sound measurement systems for component testing, for example.

## Ineltec

**Booth: 1626**

**Web:** [www.ineltec.es](http://www.ineltec.es)

Ineltec is a company specialized in the design and manufacture of simulation and testing equipment with more than 35 years of experience and more than 15,000 units installed worldwide. Ineltec offers a service tailored to the needs of its customers at all stages of the project, from development to maintenance.

## Influx Technology Centre

**Booth: 1634**

**Web:** [www.influxtechnology.com](http://www.influxtechnology.com)

ReXgen Air is a powerful datalogger that provides deep vehicle data for both R&D and production fleets. With cloud synchronization and the ability to daisy chain, ReXgen Air offers a solution for enhancing telematics services, accelerating development, troubleshooting issues and managing your fleet.

## Ing.-Büro Mast und Partner

**Booth: 1022**

**Web:** [www.imp-elektronik.de](http://www.imp-elektronik.de)

IMP offers innovative solutions for power electronics and has proven experience in the development of power electronic systems. At Automotive Testing Expo 2024, IMP presents its test system for applied voltage ripple in HV vehicle board nets (VW80300 6.10 EHV-09 system HV voltage ripple, MBN1123 7.6, ISO21498-2 6.6 immunity to voltage ripple).

## Inova GmbH

**Booth: 8434**

**Web:** [www.inova-gmbh.com](http://www.inova-gmbh.com)

Inova testing machines are renowned for R&D and quality assurance, featuring robust mechanical design with minimal maintenance. Inova provides complete test systems and accessories for servohydraulic test labs. Its state-of-the-art digital multi-axis control system, coupled with user-friendly software, enables efficient and flexible operation for modern durability tests.

## Inovance Technology Co. Ltd

**Booth: 1554**

**Web:** [www.inovance.com](http://www.inovance.com)

Inovance offers a dynamometer and battery simulator product supplier for EV/ICE test benches, battery tests and hydrogen fuel cell tests. Over 1,000 units are in commercial operation globally. Visit the booth to talk with Mr Zhao, BU manager, email: [zhaou@inovance.com](mailto:zhaou@inovance.com) and Mr Boxberger, sales engineer, DACH, email: [max.boxberger@inovance.eu](mailto:max.boxberger@inovance.eu).

## Institut Pro Testování a Certifikaci, AS

**Booth: 1372**

**Web:** [www.itclin.cz](http://www.itclin.cz)

The Institut Pro Testování a Certifikaci (Institute for Testing and Certification) is a Czech independent company with a worldwide sphere of authority, providing services in the areas of testing, certification, technical inspection, metrology and standardization.

## Instron

**Booth: 8530**

**Web:** [www.instron.com](http://www.instron.com)

Instron is a leading specialist in material and structural durability testing. The company develops and delivers customized solutions for testing vehicle components with accurate, innovative and reliable testing systems. Instron also provides a variety of advanced sleds and crash simulation products. Its industry-leading test systems meet the highest accuracy requirements.

## Intrepid Control Systems Inc.

**Booth: 1208/Sponsor**

**Web:** [www.intrepidcs.com](http://www.intrepidcs.com)

Intrepid Control Systems provides OEMs and Tier 1 suppliers with solutions to leverage the vast data generated by connected and software-defined vehicles (SDV). Intrepid has over 30 years of knowledge and experience in vehicle diagnostics, cloud connectivity, visualization, data mining and OTA solutions. Intrepid Control Systems: driven by your data.

## Ipetronik GmbH & Co. KG

**Booth: 1212**

**Web:** [www.ipetronik.com](http://www.ipetronik.com)

Ipetronik develops and supplies test benches, mobile measuring technology, DAQ software and engineering services for the mobility of the future. The company is on-site worldwide for vehicle development in the automotive industry as well as for aerospace and industry. Ipetronik is specialized in thermodynamics, acoustics and thermoacoustics.

## Italdesign-Giugiaro SpA

**Booth: 1624**

**Web:** [www.italdesign.it](http://www.italdesign.it)

Italdesign has been operating as a service company for the automotive industry since 1968. From the beginning, the company specialized in design, engineering, prototyping and limited and ultra-limited series production, serving newcomers and traditional original equipment manufacturers in the mobility sector worldwide.

## Itech Electronic Co. Ltd

**Booth: 1576**

**Web:** [www.itechate.com](http://www.itechate.com)

Itech is a world-leading professional manufacturer of power electronics testing instruments and systems. All Itech's activities are customer-oriented. Itech has always focused on innovation and R&D since its establishment. It does its best to launch comprehensive test solutions and high-performance products.

# High Performance High-Speed Cameras for Automotive Safety Testing from Photron



## Megapixel Cameras

- 1 Megapixel resolution to 20,000fps
- Light sensitivity to ISO 64,000
- Minimum exposure to 0.2µs
- Internal memory to 128GB
- Removable SSD
- High-speed 1/10-Gigabit Ethernet interface
- Standard 2-year warranty

## High-Resolution Cameras

- 4096 x 2304 pixels 4K at 750fps (Nova R3-4K)
- 4906 x 2304 pixels 4K at 1,250fps (Nova R5-4K)
- 3840 x 2160 pixels UHD at 800fps (Nova R3-4K)
- 3840 x 2160 pixels UHD at 1,440fps (Nova R5-4K)
- ISO 3,200 monochrome
- ISO 640 color

## Featured Camera: FASTCAM MH6

- HD Heads: Up to six 35 x 35 x 36mm camera heads/processor
- HD Heads: 1920 x 1080 (Full HD) resolution at 1,000fps
- ST Heads: Up to twelve 15 x 15 x 15mm camera heads/processor
- ST Heads: 800 x 600 resolution at 1,000fps
- High-G tested to 160G (camera heads) and 100G (processor)
- Auto download to internal 512GB SSD
- Built-in acceleration sensor
- Long record time option for road and track testing applications
- MH6 processor supports a combination of HD and ST heads

**J**

**Jaeger Computergesteuerte Messtechnik GmbH**

**Booth: 1464**

**Web:** [www.adwin.de](http://www.adwin.de)

Jaeger Computergesteuerte Messtechnik offers real-time systems and fully customized solutions for test bench stands and special machine automation in production lines, end-of-line testing, HIL and mobile/lab applications with ADwin. Real-time systems, RT CPUs, analog/digital IOs, CAN/LIN/SENT, ADbasic/C and MATLAB/Simulink are used in test solutions for ECUs, sensors/actuators, powertrains, hydraulic vibration tests, motors and drives. ADwin offers system and special test/automation machine solutions.

**Jiangsu Tomilo Advanced Equipment Co. Ltd**

**Booth: 1120**

**Web:** [www.tomilotest.com](http://www.tomilotest.com)

Tomilo is an environmental test equipment R&D, production and sales enterprise from China.

**Jiangsu Wallong-Hsin Machinery Engineering Co. Ltd**

**Booth: 8604**

**Web:** [www.camcjsw-testmachines.com](http://www.camcjsw-testmachines.com)

Jiangsu Wallong-Hsin Machinery is a subsidiary of Sinotest Equipment. It majors in universal testing machines, high-temperature creep testing machines, fatigue testing machines, resonant testing machines, test rigs, automatic straightening machines, assembly lines, hydrostatic cylinders, etc. They are widely used for metal/non-metal, static/dynamic and unit/composite testing.

**Julabo GmbH**

**Booth: 1766**

**Web:** [www.julabo.com](http://www.julabo.com)

Julabo has been developing sophisticated temperature control technology since 1967, standing for innovation and competence. More than 600,000 installed Julabo units worldwide stand for their high acceptance among users in research and industry. With proven quality and support, Julabo has become one of the world's leading premium brands.

**K**

**Karing GmbH (Kübrich)**

**Booth: 1304**

**Web:** [www.karing.de](http://www.karing.de)

Karing has a wealth of experience in digital, defined testing under different environmental conditions using robotic or electromechanic systems for testing for R&D, durability or EOL purposes. With 85 skilled employees, Karing produces, supplies and services its test systems – worldwide – for OEM and Tier 1/2 suppliers, from Bavaria.

**Kewell Technology Co. Ltd**

**Booth: 1220**

**Web:** [www.kewell.com.cn](http://www.kewell.com.cn)

Kewell Technology provides comprehensive test solutions and intelligent manufacturing equipment for various industries based on test power supplies. At present, it has three main product lines: test power supplies, fuel cell test equipment, and power semiconductor and intelligent production line testing.

**Keysight Technologies**

**Booth: 1108**

**Web:** [www.keysight.com](http://www.keysight.com)

Keysight enables innovators to push the boundaries of engineering by quickly solving design, emulation and test challenges. Whether you're looking to accelerate autonomous vehicle (AV), electric vehicle (EV), or automotive electronics testing, Keysight delivers intelligent insights to reduce risk and speed time-to-market on what's possible for the future.

**Kistler Instrumente GmbH**

**Booth: 8652**

**Web:** [www.kistler.com](http://www.kistler.com)

Kistler is the global market leader for dynamic pressure, force, torque and acceleration measurement technology. Customers benefit from Kistler's experience as a development partner and its unique sensor technology, enabling them to optimize their products and processes so as to secure sustainable competitive edge.

**Klaric**

**Booth: 1344**

**Web:** [www.klaric.de](http://www.klaric.de)

Klaric specializes in high-precision, easy-to-use and safe, shunt-based measurement solutions in LV and HV electrical systems to improve energy efficiency and reduce CO<sub>2</sub> emissions in both electric and conventional vehicles. Klaric's advanced technologies ensure the highest accuracy in analyzing power consumption. Klaric measures current – exactly.

**Knick Elektronische Messgeräte GmbH & Co. KG**

**Booth: 1106**

**Web:** [www.knick.de](http://www.knick.de)

Knick has been one of the leading manufacturers of current and voltage measurement technology for 78 years. Its high-voltage transducers and standard signal isolating amplifiers are used worldwide where maximum precision and reliability are required. This also includes sophisticated test and inspection procedures for the validation of HV components for electromobility.

**Kokusai Co. Ltd**

**Booth: 8102**

**Web:** [www.kokusaikk.co.jp](http://www.kokusaikk.co.jp)

Kokusai manufactures a wide range of automotive test stands working with electric servomotors instead of hydraulic drives. Its servomotor expertise has been developed over 50 years, resulting in test equipment that combines energy savings with CO<sub>2</sub> reduction. Visit the booth and experience Kokusai's higher-performance, lower-CO<sub>2</sub> products.

**Kokusai Europe GmbH**

**Booth: 8102**

**Web:** [www.kokusai.eu](http://www.kokusai.eu)

Kokusai Europe is the European base of Kokusai and provides a wide range of services and support. At ATE 2024, Kokusai Europe will be exhibiting battery test systems, 3D simultaneous vibration testers and other equipment such as a tire tread wear tester which is currently being internationally standardized.

**Konrad Technologies**

**Booth: 1313**

**Web:** [www.konrad-technologies.com](http://www.konrad-technologies.com)

Konrad Technologies specializes in the development, design and integration of innovative customized automation and testing solutions. The technologically complex projects range from individual system modules to fully automated and turnkey complete systems and help customers from a wide variety of industries meet quality targets and ensure cost efficiency.

**Krebs & Aulich GmbH**

**Booth: 1550**

**Web:** [www.krebsundaulich.de](http://www.krebsundaulich.de)

Krebs & Aulich is constantly pushing the limits: speeds up to 30,000rpm, the highest NVH requirements, torsionally rigid designs and special housings for tight spaces and unique thermal conditions in dynamometer testing. With over 1,000 installations worldwide, test bench motors from Krebs & Aulich are used by all major OEMs and well-known service providers.

**Kriwan Testzentrum GmbH**

**Booth: 1560**

**Web:** [www.kriwan-testzentrum.com](http://www.kriwan-testzentrum.com)

A huge number of super-modern measuring places for EMC and environmental simulation are available for developers and manufacturers of components. As an accredited test house, Kriwan Testzentrum offers normative tests and develops accompanying measurements.



## KS Engineers

**Booth: 1256**

**Web:** [www.ksengineers.com](http://www.ksengineers.com)

Innovative testing technology for the drive concepts of the future. KS Engineers offers comprehensive system solutions for HEV, PHEV, BEV, FCEV, H<sub>2</sub> and e-fuels, in addition to system validation and ADAS testing, all from a single source.

## Kyowa Electronic Instruments Co. Ltd

**Booth: 1500**

**Web:** [www.kyowa-ei.com](http://www.kyowa-ei.com)

Kyowa Electronic Instruments manufactures and sells measuring instruments – mainly strain gauges – and develops businesses related to consulting, maintenance and repair and measurement. It provides safety and security to society through a wide variety of fields such as automobile-related transportation and traffic infrastructure, industrial measurement, environment and safety.

## L

### Laba7

**Booth: 8044**

**Web:** [laba7.com](http://laba7.com)

Laba7 delivers high-quality suspension workshop equipment including shock dynos (Scotch-Yoke and electromagnetic); spring rate testers; shock vacuum bleed pumps; suspension tools and more. It employs its rich engineering experience to deliver uncompromisable accuracy, ease of use and quality.

### Labtech sro

**Booth: 8608**

**Web:** [www.labtech.eu](http://www.labtech.eu)

Labtech develops and manufactures dedicated high-performance helium leak detection testing systems for product leakage measurement. These systems are designed for industrial applications in serial production as well as R&D applications, and always respect the technical specifications and customer's requirements. For more information, please visit [www.labtech.eu](http://www.labtech.eu).

## Lauda Dr R Wobser GmbH & Co. KG

**Booth: 1730**

**Web:** [www.lauda.de](http://www.lauda.de)

Lauda – the world leader in precise temperatures. Lauda's constant temperature equipment and systems are at the heart of important applications. As a full-service provider, Lauda guarantees the optimum temperature in research, production and quality control. It is the trusted partner of the electromobility, hydrogen, chemical, pharmaceutical/biotech, semiconductor and medical industries.

## LaVision GmbH

**Booth: 8346**

**Web:** [www.lavision.com](http://www.lavision.com)

LaVision is a leading supplier of specialized imaging solutions for a wide range of applications such as materials testing (deformation), fluid mechanics (aerodynamics), combustion (automotive) and spray and particle diagnostics (engines). An innovative new concept combines automotive glass inspection with image quality testing of advanced driver assistance systems (ADAS).

## LDRA Ltd

**Booth: 1723**

**Web:** [www.ldra.com](http://www.ldra.com)

LDRA, a leader for over 45 years, specializes in automated code analysis and testing for critical industries. It collaborates with clients to detect errors early and ensure compliance with industry standards. With global headquarters in the UK, US, Germany and India, learn more at [www.ldra.com](http://www.ldra.com).

## LeCAD GmbH

**Booth: 8326**

Using supercomputers and other advanced digital technologies, LeCAD researches and develops new design approaches, sustainable products and solutions to operate in the most demanding conditions, transferring the acquired knowledge to the academic and industrial environment. The development of new products takes place in several steps, from market analysis, development of the initial concept, construction at the system level, construction of details, testing and improvement and finally regular production.

## Lemo Elektronik GmbH

**Booth: 8239**

**Web:** [www.lemo.com/en](http://www.lemo.com/en)

The original push-pull connector. Lemo is the acknowledged leader in the design and manufacture of precision custom connection and cable solutions. Its high-quality push-pull connectors are found in a variety of challenging application environments, including industrial control and test and measurement.

## Link Group, Inc.

**Booth: 1604**

**Web:** [www.linkeng.com](http://www.linkeng.com)

Established in 1935, Link Engineering Company offers customized solutions, including the design and manufacture of high-precision test, research, simulation, quality control and thermal solution equipment, plus comprehensive test services. Link is headquartered in Plymouth, Michigan, with manufacturing and design facilities, laboratory and vehicle test operations and support teams globally.

## Lloyd Dynamowerke GmbH

**Booth: 1478**

**Web:** [www.ldw.de](http://www.ldw.de)

Lloyd Dynamowerke (LDW) is a prestigious supplier of electrical machines with over 100 years of experience. It develops and produces asynchronous, synchronous, direct current and PM machines according to the individual requirements of customers. Lloyd Dynamowerke also offers extensive services to ensure the smooth operation of your machines.

## LTG Aktiengesellschaft

**Booth: 1406**

**Web:** [www.LTG.de](http://www.LTG.de)

LTG provides solutions for airflow challenges in automotive testing, based on 100 years of experience. The LTG Fahrtwindsimulator (road speed fan) has set the standard for car manufacturers worldwide regarding airflow in testing. Its units have been used for WLTP, RDE, SC03, fuel economy, end-of-line and many other tests.

## Lumos DMLite Co. Ltd

**Booth: 8008**

**Web:** [www.lumos.co.kr](http://www.lumos.co.kr)

DMLite is developing and producing LED lighting optimized for testing with ultra-high-speed cameras. It develops heat dissipation designs and structures optimized for high-power LED lighting, made in Korea. DMLite offers excellent illumination and flicker-free LED lighting.

## Luxfer Magnesium Rolled Products (Magnesium Elektron)

**Booth: 8236**

**Web:** [www.luxferga.com](http://www.luxferga.com)

Luxfer has led the magnesium industry since the company was founded in England in 1935. It specializes in developing, manufacturing and supplying magnesium products to technology industries worldwide in different market areas.

## Luxoft

**Booth: 1336**

**Web:** [www.luxoft.com/automotive](http://www.luxoft.com/automotive)

Luxoft is a global automotive software systems integrator with deep domain expertise for the software-defined vehicle. With over 20 years of experience, Luxoft helps OEMs and Tier 1s with many areas of automotive development such as autonomous drive, system testing and validation, connected mobility and IVI.

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**M**

**m+p international Mess- und Rechnertechnik GmbH**

**Booth: 8312**

**Web:** www.mpihome.com

As a highly qualified expert in the field of vibration control for environmental testing, dynamic signal analysis, data acquisition and monitoring and test rig automation, m+p international takes pride in sustainably meeting your expectations of productivity, quality and reliability with its products and services.

**Magna Powertrain Engineering Center Steyr**

**Booth: 1110**

**Web:** engineering.mpt.magna.com

The Engineering Center in St Valentin is a globally recognized development partner for vehicle engineering, alternative propulsion systems, application software and a full range of testing services (e.g. e-drive testing, engine testing, fatigue testing, 4WD chassis dyno). It offers an in-house proving ground for autonomous driving and function and endurance tests.

**Mahle Powertrain Ltd**

**Booth: 1250**

**Web:** www.mahle-powertrain.com

Mahle Powertrain (a subsidiary of Mahle GmbH) provides specialist engineering consultancy services for the design, simulation, testing, development, calibration and integration of electrified powertrain systems and advanced internal combustion engines. With technical centers located in the UK, Germany, USA and China, Mahle Powertrain is an established expert partner to vehicle manufacturers.

**Manner Sensortelemetrie GmbH**

**Booth: 1704**

**Web:** www.sensortelemetrie.de

Manner Sensortelemetrie provides custom and application-specific measurement solutions as well as series applications on rotating and moving parts, especially when high requirements are placed on process engineering and measurement data quality. Its patented sensor telemetry method guarantees reliable transmission of precise measurement data.

**Mayr Antriebstechnik | Chr. Mayr GmbH + Co. KG**

**Booth: 8126**

**Web:** www.mayr.com

The family-run company Mayr Power Transmission is a leading manufacturer of safety brakes, torque limiters and shaft couplings. These products are primarily designed for application in electrically driven machines and systems. Mayr has around 1,350 employees worldwide.

**measX GmbH & Co. KG**

**Booth: 1536**

**Web:** www.measx.com

measX is a recognized specialist for test bench technology and test data management. For 40 years, the company has been developing, manufacturing and selling customized test systems for research, development and production to well-known companies from the automotive and mechanical engineering industries as well as the chemical, electronics and energy sectors.

**Mecal Technologies GmbH**

**Booth: 8518**

**Web:** www.mecal.com

Mecal designs, develops and manufactures advanced data acquisition and control systems used globally in applications where accuracy and the quality of signal conditioning are paramount. For 40 years, manufacturers in automotive, aerospace and defense have trusted Mecalc with the development and quality control of their most important projects and applications.

**Messring GmbH**

**Booth: 8112**

**Web:** www.messring.de

Messring offers customized solutions for testing the active and passive safety systems of vehicles. The range of services includes the realization of large, multifunctional crash test facilities as well as sled test systems. In addition, the company offers innovative test equipment for testing ADAS functions and AVs.

**Meta Motoren- und Energie-Technik GmbH**

**Booth: 8648**

**Web:** www.metagmbh.de

Meta offers powertrain development and testing services for engines, BEV, hybrid and alternative fuel-vehicles, providing the complete development chain of design, simulation, electronic development, prototyping and testing. Meta successfully cooperates with international OEMs. Engine tests, motor tests, component tests – all Meta's competence!

**Michigan Scientific Corp**

**Booth: 8306**

**Web:** www.michsci.com

Michigan Scientific Corporation has over 60 years of expertise in the design and manufacturing of testing equipment. It specializes in the production of standard and custom slip ring assemblies, strain gauge-based transducers, signal conditioning electronics and wireless telemetry. Michigan Scientific equips companies with reliable and innovative solutions for automotive testing.

**MicroNova AG**

**Booth: 1126**

**Web:** www.micronova.de

MicroNova offers state-of-the-art testing solutions for electronic systems in the automotive sector. At ATE, MicroNova will showcase its NovaCarts HIL platform and the latest version of the test automation solution EXAM. Testing managers will also benefit from consulting services on key development topics such as functional safety, cybersecurity and AI.

**Microtech Gefell GmbH**

**Booth: 8501**

**Web:** www.microtechgefell.de

Microtech Gefell – the expert in vehicle noise measurements – traditionally manufactures a wide range of high-precision indoor/outdoor microphones for legally binding measurements (examined by PTB – Germany's national metrology institute), compatible with all common monitoring systems, including microphones for noise monitoring systems for vertical/horizontal sound incidence in relation to the microphone axis.

**Microwave Vision Group**

**Booth: 1726**

**Web:** www.mvg-world.com

Microwave Vision Group (MVG) offers turnkey solutions for antenna and full-vehicle OTA measurement built for the complete digital verification and validation of connected cars and their manifold wireless transmission functions, including V2X connectivity.

**Monolith AI**

**Booth: 1228**

**Web:** www.monolithai.com

Reduce battery test time with AI-guided tests from Monolith. Its data-driven AI models empower you to enhance understanding and predict battery performance, leading to a significant reduction in testing time. Achieve efficiency without compromising coverage or safety, transforming the way you approach battery testing.

**Moog**

**Booth: 8132**

**Web:** www.moogtest.com

Moog is a worldwide designer, manufacturer and integrator of precision control components and systems. The company offers its customers new and better ways of performing automotive tests, from its simulation tables, multi-axis test systems, four-post simulators, test controllers and software, to servo valves and hydraulic test actuators.

**MTS Systems****Booth: 8310****Web:** [www.mts.com](http://www.mts.com)

OEMs and suppliers rely on MTS for the testing technologies, expertise and support needed to accelerate next-generation vehicle development while meeting energy efficiency and decarbonization targets. Visit the booth to explore how MTS solutions can help you achieve more sustainable vehicle engineering and thrive in a competitive global market.

**Müller-BBM VibroAkustik Systeme GmbH****Booth: 1636****Web:** [www.mbbm-vas.com](http://www.mbbm-vas.com)

Müller-BBM VibroAkustik Systeme is a leading solution provider for the acquisition, analysis and management of physical data in the fields of acoustics, vibration and strength. The PAK family of software facilitates dynamic data networking, seamless system integration and sustainable process automation, enabling efficiency and innovation throughout the entire testing process.

**Mustang Advanced Engineering****Booth: 1519****Web:** [www.mustangae.com](http://www.mustangae.com)

For almost 50 years, Mustang Advanced Engineering has been a leading supplier of engineered testing and measurement systems. MAE delivers world-class testing solutions, custom design support and technical assistance, backed by a dedicated factory service team, making it a trusted source of expertise for the global industrial market. Visit [MustangAE.com](http://MustangAE.com).

**N****NAC Image Technology, Inc.****Booth: 8112****Web:** [www.nacinc.com](http://www.nacinc.com)

NAC is a world leader in the development and production of advanced imaging and motion analysis systems. It provides the high-speed imaging and motion analysis systems that give engineering research/testing and production facilities a competitive advantage.

**O****ODU GmbH & Co. KG****Booth: 1258****Web:** [www.odu-connectors.com](http://www.odu-connectors.com)

The ODU group, with headquarters in Muehldorf am Inn, Germany, is one of the world's leading suppliers of connector systems. ODU combines all relevant expertise areas and key technologies under one roof. ODU connectors ensure a reliable transmission of power, signals, data and media for a variety of demanding applications.

**Optimol Instruments Prüftechnik GmbH****Booth: 8448****Web:** [www.optimol-instruments.de](http://www.optimol-instruments.de)

As the inventor of the SRV, Optimol Instruments has stood for innovative tribometers for application-oriented testing on a laboratory scale for more than 50 years. A specialist in the measurement of wear, friction and lubricity, Optimol is a valued partner of science and industry worldwide.

**OptoFidelity****Booth: 1746****Web:** [www.optofidelity.com](http://www.optofidelity.com)

OptoFidelity has extensive R&D expertise in metrology, imaging and robotics. The company's focus is on testing – infotainment systems, touch displays, HMI, haptics measurement and AR head-up displays.

**Optomet GmbH****Booth: 1456****Web:** [www.optomet.de](http://www.optomet.de)

Since 2004, Optomet has led in developing digital laser-Doppler vibrometers. These precise instruments measure vibrations non-contact, from single points to whole surfaces. Optomet's modular systems suit a variety of applications, from microstructures to buildings.

**OPVengineering GmbH****Booth: 8202****Web:** [www.opvengineering.de](http://www.opvengineering.de)

OPVengineering provides test rigs for automotive powertrain systems and components. They are designed for typical test cases as well as customer-specific applications. OPVengineering offers turnkey solutions; retrofit services and test rig part systems, such as automation and control; drive technology, including multilevel converters; mechanical components; and conditioning devices.

**Oxford Technical Solutions GmbH****Booth: 8345****Web:** [www.oxts.com](http://www.oxts.com)

For two decades, OXTS has advanced MEMS-based GNSS/INS technology, empowering thousands of engineers globally. Its systems excel in position, orientation and dynamics data, supporting vehicle and autonomous platform development. Renowned for robustness and scalability, OXTS is a preferred choice in automotive testing and offers a compelling alternative to FOG-based systems.

**P****Pass Testing Solutions****Booth: 1658****Web:** [www.pass-testing.de](http://www.pass-testing.de)

Pass Testing Solutions is a boutique test system provider for growth tech companies. It provides seamless test systems from early prototyping to end-of-line testing. With its roots in battery management systems, Pass designs and builds lean test solutions that are customized, flexible for scaling and integrated into existing testing environments.

**PCB Piezotronics GmbH****Booth: 1548****Web:** [www.pcbpiezotronics.de](http://www.pcbpiezotronics.de)

PCB Piezotronics offers sensors for measuring vibration, acceleration, sound, pressure, force and strain. Typical areas of application are product development, qualification and machine monitoring.

**Peak Solution GmbH****Booth: 1360****Web:** [www.peak-solution.de](http://www.peak-solution.de)

Peak Solution is a globally recognized software provider for test field management and test data management for OEM and Tier 1 suppliers. Peak Solution products and components are utilized in scalable, high-performance solutions to specify tests, schedule associated activities and resources and manage the resulting data in a traceable way.

**Peter Huber Kältemaschinenbau SE****Booth: 1049****Web:** [www.huber-online.com](http://www.huber-online.com)

Peter Huber Kältemaschinenbau SE is the technology leader for high-precision thermoregulation in research and industry. The product range offers solutions from -125 °C to +425°C. The Unimotive model series is specially designed for the automotive industry to realize temperature-dependent stress and load tests with water/glycol down to -45°C.

**Photron (Europe) Ltd****Booth: 8502****Web:** [www.photron.com](http://www.photron.com)

Photron is the leading manufacturer of high-speed camera solutions for automotive safety testing for both off-board and on-board. New for 2024, the Fastcam Mini R5 offers 4K resolution at 1,250fps and the innovative 6D Marker analysis offers rapid measurement of x, y, z and roll, pitch and yaw from a single camera view.

## Pickering Interfaces GmbH

**Booth: 1130**

**Web:** [www.pickeringtest.com](http://www.pickeringtest.com)

Pickering offers signal switching and sensor simulation solutions for automotive test applications, including hardware-in-the-loop simulation, ECU testing, sensor and strain gauge simulation, BMS testing and RF/microwave switching. Pickering has developed several modules optimized for automotive electronics and is focused on ways to make ECU testing easier, faster and more reliable.

## Plug-In Electronic GmbH

**Booth: 1134**

**Web:** [www.plug-in.de](http://www.plug-in.de)

Since its foundation in 1990, Plug-In Electronic has been one of the most successful distributors and system partners in the DACH region. It offers professional solutions in the field of industrial PC/ embedded and PC-based measurement technology.

## Pollux electro mechanical systems GmbH

**Booth: 1540**

**Web:** [www.pollux-testing.de](http://www.pollux-testing.de)

Precise temperature control units and customized testing services for thermal management applications: providing conditioned fluids is Pollux's core competency. It designs and manufactures turnkey test benches and conditioning systems with perfect control of temperature, pressure and flow – even for demanding applications and special media. In-house test field for component validation/ environmental simulation (LV124/VW80000).

## Polytec GmbH

**Booth: 1152**

**Web:** [www.polytec.com](http://www.polytec.com)

Polytec has been developing, producing and distributing optical measurement solutions for research and industry for over 50 years. In the automotive sector, applications such as experimental modal analysis for FE model validation, NVH optimization or in-line and end-of-line quality testing benefit from non-contact vibration measurement with laser vibrometers from Polytec.

## Poppe + Potthoff Maschinenbau GmbH

**Booth: 8554**

**Web:** [poppe-potthoff-maschinenbau.com](http://poppe-potthoff-maschinenbau.com)

Poppe + Potthoff Maschinenbau develops and produces test stands and special machines for various industries. This includes test stands for measuring burst pressure or leak tightness, for pressure cycle testing, for impulse testing and for functional testing of the components and systems used for cooling, heating, braking or hydraulics.

## ProductionToGo

**Booth: 8150**

**Web:** [www.production-to-go.com](http://www.production-to-go.com)

ProductionToGo is your certified 3D printing specialist in the DACH and BENELUX regions. With 2,300+ printers sold, 85,000+ print jobs completed and a team of 30+ technicians and 20+ experts, ProductionToGo is your trusted expert in resin, filament, polymer powder and metal 3D printing technologies.

## R

## RDI Technologies Inc.

**Booth: 1382**

**Web:** [www.rдитеchnologies.com](http://www.rдитеchnologies.com)

RDI Technologies pioneers future sensor technology using cameras. Its Motion Amplification innovation enables users to visualize and measure imperceptible motion, surpassing human eye capability. Visit the booth to explore cutting-edge vibration science.

## Reckmann GmbH

**Booth: 1450**

**Web:** [www.reckmann.de](http://www.reckmann.de)

Reckmann produces temperature sensors for automotive testing applications, such as thermocouples and resistance temperature detectors. Its high-voltage thermocouples enable safe measurement on battery-electric systems. With its calibration laboratory accredited according to IEC/EN 17025, Reckmann offers a wide range of services to ensure maximum accuracy for its customers.

## red-ant measurement technologies and services

**Booth: 1124**

**Web:** [www.red-ant.de](http://www.red-ant.de)

red-ant offers intelligent system solutions and devices for all matters concerning vibration measurement technology.

## Reich Kupplungen

**Booth: 1242**

**Web:** [www.reich-kupplungen.com](http://www.reich-kupplungen.com)

Reich has stood for competence in drive technology since 1946. For decades, Reich has been manufacturing an extensive range of torsionally flexible couplings and drive technology in Bochum: torsionally flexible couplings, highly torsionally flexible couplings and torsionally rigid couplings.

## Reilhofer KG

**Booth: 1369**

**Web:** [rhf.de](http://rhf.de)

Reilhofer offers early-stage damage detection with the delta-Analyser V3, and acoustic quality assurance with the eol-Analyser V3 optimized for e-drives, engines, transmissions and automotive components. Reilhofer's systems are fully automated, self-learning, reliable and reproducible on any test bench. The engineer receives answers about the quality and health condition of his/her test item.

## Remote Tracking Systems

**Booth: 1386**

**Web:** [www.remotetrackingsystems.com](http://www.remotetrackingsystems.com)

Remote Tracking Systems (RTS) provides end-to-end traffic management solutions for proving grounds, including a browser user interface. Key features include booking interface, automatic gate control, redundant servers, data recording and playback, driver behavior monitoring and in-vehicle collision warnings and alerting using RTS-designed 4G GPS tracking and display units.

## Resato International

**Booth: 8228**

**Web:** [www.resato.com](http://www.resato.com)

Resato is a Dutch provider of high-pressure solutions with the aim of increasing the productivity of its worldwide customers. The mission: to meet and exceed the expectations of customers. With 33 years of experience, Resato is equipped with the knowledge to provide reliable and safe solutions.

## Resonic GmbH

**Booth: 8636**

**Web:** [www.resonic.de](http://www.resonic.de)

Resonic specializes in all aspects of mass property measurements. With its unique technologies and optimized processes, Resonic continues to push existing boundaries in terms of accuracy, reliability and efficiency. From vehicle dynamics simulation and chassis optimization to engine mount design, crash testing and battery cell research, Resonic's applications are highly versatile.

## RISE Research Institutes of Sweden | AstaZero | SEEL

**Booth: 8028**

**Web:** [www.ri.se](http://www.ri.se)

Research Institutes of Sweden (RISE) offers tests, validation and research for the automated, connected and electrified transportation system. Explore RISE's offerings, including testing of batteries, powertrains, EMC, cybersecurity, automated vehicles, simulations and connectivity.

## Rohrer Mess- und Systemtechnik

**Booth: 1158**

**Web:** [www.rohrer-muenchen.de](http://www.rohrer-muenchen.de)

Rohrer Mess- & Systemtechnik develops and manufactures a sophisticated range of metrological devices and systems for the most demanding requirements in Munich. It has been working hand in hand with customers and suppliers for over 40 years to solve even the most complex tasks. You too can challenge Rohrer!

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**ATP Automotive Testing Papenburg GmbH**

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[info@atp-papenburg.de](mailto:info@atp-papenburg.de)

phone: +49 4961 975-319

**ATP**

automotive testing papenburg

## Rolls-Royce plc

**Booth: 8338**

**Web:** [www.rolls-royce.com/products-and-services/civil-aerospace/testing-capabilities/access-our-te](http://www.rolls-royce.com/products-and-services/civil-aerospace/testing-capabilities/access-our-te)

Rolls-Royce is a world-renowned global engineering company with a rich heritage spanning over a century. Rolls-Royce has developed world-leading and bespoke test capabilities that are now, for the first time in its history, offered to support customer requirements across the aerospace, marine, automotive, energy and other industrial areas.

## Rototest

**Booth: 1234**

**Web:** [www.rototest.com](http://www.rototest.com)

Rototest's VIL-ready powertrain dynamometer systems provide an efficient test environment for advanced driver assistance systems (ADAS) functionality calibration and validation thanks to a modular structure. Learn how this smarter alternative to traditional test equipment opens new opportunities to meet the challenges of today's and tomorrow's vehicle development.

## Rotronics Testing Solutions

**Booth: 1334**

**Web:** [www.rotronics.com](http://www.rotronics.com)

Rotronics will support you in your R&D projects for different types of testing, including vehicle chassis and hub dynos; ICE, H<sub>2</sub> and e-motors; EV batteries; powertrain; ADAS and driving simulation; NVH; EOL; and mobile, climatic and altimetric 4WD chassis dyno. Visit the booth!

## Rudolfovo

**Booth: 8326**

The Public Research Institute Rudolfovo – Scientific and Technological Centre Novo Mesto – was established in 2022 by the government of the Republic of Slovenia and has already proven itself as a demonstrator of innovative technologies. With a series of industrial, applied and, more recently, fundamental projects, it is a generator of new knowledge, which it successfully transfers to the economy, supporting the green and digital transformation of the automotive sector and creating an ecosystem of new small and medium-sized highly innovative, high-technology-based enterprises to give south-eastern Slovenia stability, quality jobs and economic prosperity based on high added value.

## S

### SAB Bröckskes GmbH & Co. KG

**Booth: 1312**

**Web:** [www.sab-cable.com](http://www.sab-cable.com)

SAB Bröckskes develops HV measurement solutions for e-mobility. In addition to HV sensors and HV test adapters, SAB offers HV measuring cables as well as highly flexible HV cables. Leading in these fields, SAB optimizes its products to the constantly changing requirements and continuously develops new products for the more sustainable mobility of the future.

### Saginomiya Seisakusho, Inc.

**Booth: 8052**

**Web:** [www.saginomiya.co.jp](http://www.saginomiya.co.jp)

Saginomiya Seisakusho is a comprehensive manufacturer of test systems and offers a wide range of solutions, including elastomer testers (up to 3kHz), various types of HIL and DiM (driving simulators). Saginomiya contributes to various materials, components, full vehicle tests and MBD-related fields, providing tailored solutions to meet its customers' needs.

### Schulz-Electronic GmbH

**Booth: 1429**

**Web:** [www.schulz-electronic.de](http://www.schulz-electronic.de)

Schulz-Electronic is a solution provider and development partner for professional power supplies. Whether laboratory power supply, industrial power supply, laser diode driver or pulse generator, all leading brands are represented in the extensive product range. Schulz-Electronic also develops highly complex special solutions and complete systems, and carries out repairs.

### Seattle Safety

**Booth: 8004**

**Web:** [www.seattlesafety.com](http://www.seattlesafety.com)

Seattle Safety designs and builds custom crash testing systems to your unique specifications. With the world's largest installed base of accelerator sled systems, the company has a range of solutions to offer. It also provides barrier testing systems with single and multidrive configurations.

### Sentek Dynamics

**Booth: 8436**

**Web:** [www.sentekdynamics.com](http://www.sentekdynamics.com)

Located in the heart of Silicon Valley, Sentek Dynamics provides complete environmental testing systems (vibration, temperature and humidity). Sentek Dynamics' testing equipment is produced in a modern, state-of-the-art ISO 9001 accredited facility with separate production areas for water-cooled and air-cooled system assembly and testing. 'Assembled in USA' systems are available.

### Seoul Industry Engineering Co. Ltd

**Booth: 1276**

**Web:** [www.seoulcorea.com](http://www.seoulcorea.com)

Seoul Industry Engineering (SIE), with its automotive testing equipment, offers state-of-the-art heat fluid-related R&D and quality-assured, custom-made test benches based on R&D technology. Test benches can provide R-134a and R-1234yf system tests for automotive A/C systems and eco-friendly heat pump systems.

### Serma Energy

**Booth: 1300**

**Web:** [www.serma.com](http://www.serma.com)

Serma Group stands out as a strong leader with over 15 years of expertise in the field of energy, covering a broad spectrum of activities ranging from the characterization and testing of technologies and components to power and energy storage systems, such as batteries, power electronics, electric motors and hydrogen.

### Servotest Testing Systems Ltd

**Booth: 8351**

**Web:** [www.servotestsystems.com](http://www.servotestsystems.com)

Servotest is a UK-based supplier of specialist mechanical simulation and test systems. Using low-friction hydrostatic bearing actuators, optimized for dynamic performance and long service life, Servotest delivers innovative, cost-effective systems tailored to customers' needs. Pulsar controls combine robust distributed architecture with fiber-optic communication. EZFlow software supports expert or novice users.

### Seskion GmbH

**Booth: 1621**

**Web:** [www.seskion.de](http://www.seskion.de)

Simulate. Measure. Analyze. Seskion's products and software solutions have been developed for easy handling of sensor technology. With products of the PSI5, SPI, DSI and SENT-Simulyzer family and associated software, data communication in common bus systems can be tested and simulated.

### Seven Bel GmbH

**Booth: 8042**

**Web:** [sevenbel.com](http://sevenbel.com)

Seven Bel is a manufacturer of high-precision acoustic cameras. Seven Bel's solution is based on scanning the sound field, resulting in superior results with high spatial resolution and dynamic range. It aims to make sound localization a standard measurement in automotive engineering, quality control and maintenance.



## Shandong Liensi Intelligent Technology Co. Ltd

**Booth: 1248**

**Web:** [www.liensi.com](http://www.liensi.com)

Shandong Liensi Intelligent Technology is a manufacturer of high-end vibration and acceleration sensors. Visit the booth to learn more.

## Shanghai KeLiang Information Technology Co. Ltd

**Booth: 8128**

**Web:** [www.keliangtek.com](http://www.keliangtek.com)

Since 2000, KeLiang has been concentrating on simulation and test technology and committing itself to providing reliable control system R&D and testing products, system-level solutions and consultation services to global users in the automobile, electric power, avionics, marine, rail and certification industries.

## Shanghai PoleLink Information Technology

**Booth: 1162**

**Web:** [www.polelink.com](http://www.polelink.com)

Polelink Information Technology is a technology and innovation-driven service company founded in 2010. Focusing on new technologies and products in the automotive electronic industry, Polelink offers complete R&D and test solutions for OEMs and suppliers, including test tools, test benches, complete test solutions and vehicle-intensive test services.

## Shanghai Tosun Technology Ltd

**Booth: 1708**

**Web:** [www.tosunai.com/en](http://www.tosunai.com/en)

TSMaster, invented by Tosun, is a versatile software tool designed for automotive network monitoring, simulation, calibration and data processing. Its key functionalities include tracing, transmitting, parsing and analyzing various types of communication messages. Each code created within TSMaster is designed to be independent, shareable, citable and compatible across different hardware.

## Shanghai Vehinfo Technologies Co. Ltd

**Booth: 1356**

**Web:** [www.vehinfo.com](http://www.vehinfo.com)

Vehinfo provides electronic control system simulation and testing solutions for the high-end manufacturing industry. It mainly provides customers with HIL test equipment and Yes intelligent test data fusion cloud platform solutions.

## Shining 3D Technology GmbH

**Booth: 1600**

**Web:** [www.shining3d.com](http://www.shining3d.com)

Shining 3D has been developing and commercializing 3D technologies for 15+ years and is one of the world's leading developers and suppliers. The company's mission is to create a 3D ecosystem from scanning to printing. Its products enable customers around the world to create and use this ecosystem.

## Sibo Electronic GmbH

**Booth: 1362**

**Web:** [www.sibo-electronic.de](http://www.sibo-electronic.de)

As the exclusive sales partner of ZES Zimmer in Southern Germany, Sibos specializes in the sale of precision power analyzers and power sources. Customers particularly appreciate its competent technical advice and the know-how the company has gained over many years, especially in the development of complete solutions.

## Siemens

**Booth: 1310**

**Web:** [www.siemens.com](http://www.siemens.com)

Siemens Digital Industries Software helps organizations of all sizes digitally transform using software, testing hardware and services from the Siemens Xcelerator business platform. Siemens' software, testing solutions and comprehensive digital twin enable companies to optimize their design, engineering and manufacturing processes to turn today's ideas into sustainable products.

## Simpro SpA

**Booth: 1240**

**Web:** [simpro.it](http://simpro.it)

Simpro is a multinational corporation, founded in 1986, that collaborates with major automotive and railway companies, providing production facilities and test benches. Simpro's core business is the supply of integrated systems, turnkey, with high technological content, capable of combining electromechanical research with the most advanced automation and digital measurement devices.

## Sincotec Group

**Booth: 8114**

**Web:** [www.sincotec.de](http://www.sincotec.de)

The family-owned company Sincotec, founded more than 30 years ago as a spin-off of the Clausthal University of Technology, is now the world market leader for resonance testing technology and innovative test systems and operates Europe's largest accredited fatigue testing laboratory with more than 160 different test machines.

## Smiths Interconnect

**Booth: 1754**

**Web:** [www.smithsinterconnect.com](http://www.smithsinterconnect.com)

Smiths Interconnect is a leading provider of innovative solutions for demanding industrial applications. Its extensive product portfolio ranges from highly integrated assemblies to microminiature connectors. The company offers a number of value-added services to customers, including cable assembly, prototyping, instrumentation housing, electrical modeling and testing.

## Sonplas GmbH

**Booth: 1668**

**Web:** [www.sonplas.de](http://www.sonplas.de)

Sonplas has been providing customized test and assembly technology to the automotive industry for more than 30 years. Its modular EOL test benches enable flexible and cost-efficient quality assurance of power electronics components. In the fluid sector, Sonplas supplies test benches for functional and durability testing with real fuels for fuel-carrying components.

## Southern Hemisphere Proving Ground Ltd (SHPG)

**Booth: 1002**

**Web:** [www.shpg.co.nz](http://www.shpg.co.nz)

The Southern Hemisphere Proving Grounds (SHPG) in New Zealand offer counter-seasonal winter testing from June to September, assisting the global automotive industry to reduce development times. Quality snow and ice test facilities combined with SHPG's core values – safety, security, confidentiality, efficiency and customer service – cement SHPG as a global leader.

## Speedgoat GmbH

**Booth: 1752**

**Web:** [www.speedgoat.com](http://www.speedgoat.com)

Speedgoat offers state-of-the-art solutions for customers working in the automotive domain to fast-track their R&D activities, especially toward innovations in electrification, automation and connectivity. Speedgoat's rapid control prototyping and hardware-in-the-loop target simulators enable its customers to remain at the forefront of technological advancements in the automotive industry.

## Spektra GmbH Dresden

**Booth: 8010**

**Web:** [www.spektra-dresden.com](http://www.spektra-dresden.com)

Spektra is a renowned manufacturer of components and systems for the testing and calibration of sensors. Its products are used worldwide for the reliable measurement of dynamic physical quantities such as vibration, acceleration, sound pressure or alternating charge. The company's calibration laboratory offers a wide range of DAkkS-accredited services.

## SRM Technologies Private Ltd

**Booth: 12026**

**Web:** [www.srmtech.com](http://www.srmtech.com)

Experience superior automotive software solutions with SRM Tech. From powertrains to EV systems, SRM specializes in development, integration and testing. Its innovations span model-based development, ADAS and automotive cybersecurity. Collaborate with SRM for reliable, ASPICE-compliant solutions, enhancing performance and market edge. Trust SRM Tech for the future of automotive excellence.

## Stähle GmbH

**Booth: 1314**

**Web:** [www.stahle.com](http://www.stahle.com)

Stähle is a global operating company providing automotive test systems as robot drivers, steering or actuator systems and shift robots. Its autopilot series showcases the latest technology: quickly installed, easy to use, selectable drive styles, imitating human behavior, offering the highest accuracy and robotic repeatability! Stähle drives your vehicle everywhere.

## Star Hydraulics

**Booth: 8152**

**Web:** [www.star-hydraulics.co.uk](http://www.star-hydraulics.co.uk)

Star Hydraulics, established in 1983, manufactures high-quality electrohydraulic servo valves utilizing sapphire technology to eliminate ball glitch, and modernized components to reduce contamination failures. In addition to the new valves, Star Hydraulics has a world-class EHSV service and repair facility servicing all makes and models of traditional servo valves.

## Step Engineering Srl

**Booth: 8130**

**Web:** [www.step-lab.com](http://www.step-lab.com)

Since 2011, Step Lab has designed and crafted 100% electric mechanical testing machines, spanning static, dynamic, impact and more testing systems. Tailored to clients, its solutions feature electric actuation and unified test center software, supported by a dedicated engineering team for leading corporations and laboratories.

## STEST/ECATEST (European Certification Assessment and Testing Services GmbH)

**Booth: 8400**

**Web:** [www.stest.com.tr](http://www.stest.com.tr)

Visit the booth to learn about what STEST can provide, and speak to Kemal Bagdat, test center manager and Ozgur Okcun, general manager.

## Stiegele Datensysteme GmbH

**Booth: 1564**

**Web:** [www.stiegele.eu](http://www.stiegele.eu)

Stiegele Datensysteme develops standard software for data acquisition, analysis and test rig control, as well as hardware such as DAQ systems and digital loop controller systems. In addition, the company offers complete test rig solutions consisting of DAQ hardware and software supporting a variety of data acquisition and control hardware.

## Stringo

**Booth: 1144**

**Web:** [www.stringo.com](http://www.stringo.com)

Stringo is a unique company; the world's most loved vehicle moving solution based in the heart of the High Coast, Sweden. Stringos have been developed entirely in-house for 30 years and today the company delivers its vehicle movers to every corner of the globe.

## Suita Electric Corporation

**Booth: 1270**

**Web:** [www.suitaelectric.com](http://www.suitaelectric.com)

Suita Electric Corporation is a worldwide leader in delivering cutting-edge electrical test and measurement solutions. It provides customers with excellent test and measurement performance and an insightful user experience with products such as the power analysis wavecoder, power analyzer, digital power meter, battery tester, ultra-high accuracy current sensor, etc.

## Suzhou Itimotor Technology Co. Ltd

**Booth: 1451**

**Web:** [www.itimotor.com](http://www.itimotor.com)

Suzhou Itimotor Technology was founded in April 2014 and is headquartered in Suzhou, China. It is a professional company that focuses on verification and validation services, testing systems and engineering consulting. The company's main fields include vehicle, engine, powertrain, EV systems, hydrogen systems and autonomous driving.

## SYRC GmbH

**Booth: 1284**

**Web:** [www.syrc-gmbh.de](http://www.syrc-gmbh.de)

SYRC has carried out more than 15 years of on-road tests for automobile, motorcycle and tire manufacturers. It provides customized testing design services for different requirements, including test drivers, proving grounds, instruments, testing methods, data analysis and final testing reports.

## T

### Tech Drive SAS

**Booth: 1218**

**Web:** [www.techdrive.fr](http://www.techdrive.fr)

Tech Drive is a company specializing in the design, engineering, manufacture and commissioning of electric motors and industrial electrotechnical systems for high-speed applications.

### Technica Engineering GmbH

**Booth: 1200**

**Web:** [www.technica-engineering.de](http://www.technica-engineering.de)

Technica is the pioneer in the integration of automotive ethernet and masters automotive networks like no one else. Founded in 2008, in Munich, Germany, Technica has been developing in-vehicle ethernet solutions, guiding customers through the entire product creation process. Technica is a trusted engineering and testing partner for leading OEMs and Tier 1s.

### TechnoLab GmbH

**Booth: 8240**

**Web:** [www.technolab.de](http://www.technolab.de)

TechnoLab specializes in environmental simulation and failure analysis for the automotive industry. It recreates real-world conditions to test vehicle components, ensuring durability and reliability. With a focus on precision and expertise, TechnoLab provides crucial insights for enhancing automotive performance and safety.

### tectos GmbH

**Booth: 1318**

**Web:** [www.tectos.at](http://www.tectos.at)

Technologies, tools and services. tectos is on-site with a selection of products and competent contact persons for all aspects of the mobility revolution: acoustics, structural dynamics, high-speed test benches, shaft connections and components. tectos founder and CEO Dr Dieter Höfler and his team look forward to welcoming you!

### Teledyne GmbH

**Booth: 1654**

**Web:** [www.teledynelecroy.com](http://www.teledynelecroy.com)

Teledyne LeCroy is a leading provider of oscilloscopes, protocol analyzers and related test and measurement solutions that enable companies across a wide range of industries to design and test electronic devices of all types.

### Telemetrie Elektronik GmbH

**Booth: 1012**

**Web:** [www.datatel-telemetry.de](http://www.datatel-telemetry.de)

datatel provides a wide range of turnkey telemetry systems to measure physical parameters on rotating components e.g. torque on drive shafts; temperature, force and torque in gears, clutches and combustion engines; temperature in electric motors (e-drive testing), brakes, clutches, automatic transmissions and tires; and torsional vibration on dampers, etc.

## TELUS GmbH – Testlabor für Umweltsimulation

**Booth: 1272**

**Web:** [www.telus.de](http://www.telus.de)

The TELUS test laboratory for environmental simulation. TELUS stands for more than 25 years of experience in the field of environmental simulation. It encompasses three buildings, with an adjoining administration building and workshop, with a total area of approx. 2,700m<sup>2</sup>.

## test@FORD

**Booth: 8638**

**Web:** [www.fordlpg.com](http://www.fordlpg.com)

test@FORD's service competencies are located in Germany, the UK and Belgium. It has more than 40 years of experience in developing and testing automotive components and full vehicles and is committed to serving its customers with integrity, safety and quality and state-of-the-art tools and test facilities.

## Testzentrum Baden GmbH

**Booth: 8111**

**Web:** [www.tz-baden.de](http://www.tz-baden.de)

Testzentrum Baden is an environmental simulation and test laboratory for battery and e-mobility tests. It carries out DAKS-accredited LV124 tests in accordance with DIN EN 17025, including IP tests, corrosion, vibration, climate, thermal shock, chemical resistance and gravel. The laboratory includes vibrators from 10kN to 300kN and climate chambers from 180 liters to 55m<sup>3</sup>.

## Texys Group

**Booth: 8456**

**Web:** [www.texysgroup.com](http://www.texysgroup.com)

Since 1999, Texys Group has been designing, developing, manufacturing and distributing embedded and laboratory solutions for the measurement of physical quantities (pressure, effort, temperature, current, inertia), mastering various technologies such as infrared, fiber optics and wireless communication. Its sensors and solutions are renowned worldwide through the main brands Texense and Optel-Texys.

## Thermo Sensor GmbH

**Booth: 1648**

**Web:** [www.thermo-sensor.de](http://www.thermo-sensor.de)

## ThermoTEC Weilburg GmbH & Co. KG

**Booth: 1384**

**Web:** [www.ttwe.de](http://www.ttwe.de)

ThermoTEC has specialized in sales and services for climate testing technology for more than 30 years. The company's product portfolio covers the entire range of applications for environmental testing technology: climate test chambers, thermal shock test chambers, HAST systems and other devices and systems for environmental simulations.

## Tira GmbH

**Booth: 1280**

**Web:** [www.tira-gmbh.de](http://www.tira-gmbh.de)

Tira is a worldwide supplier of vibration test systems, material testing equipment and balancing machines for industry and research. Its vibration test systems are used in the automotive industry to test products and components (including battery systems in electric cars) for their behavior and reliability under vibration and shock loads.

## Toellner Electronic Instrumente GmbH

**Booth: 1141**

**Web:** [www.toellner.de](http://www.toellner.de)

## tracetric GmbH

**Booth: 1311**

**Web:** [www.tracetric.com](http://www.tracetric.com)

tracetric supports manufacturers and suppliers in the automotive industry in the development of highly complex vehicle software with software products (e.g. ecu.test, test.guide) and customized services. The company focuses on solutions for an automated test process in all phases of software development, from component tests to in-vehicle integration tests.

## Trigas Flow Measurement & Calibration

**Booth: 1219**

**Web:** [www.trigasdm.com](http://www.trigasdm.com)

TrigasDM is a manufacturer and supplier of a broad product range in the field of professional and high-quality flow measurement. Its turbine flow meters of the DM-Series, accurate to 0.1% of reading, are applicable in the liquid sector within the automotive, aerospace, energy and research industries.

## Triwo Automotive Testing GmbH

**Booth: 1725**

**Web:** [www.triwo.de](http://www.triwo.de)

Triwo Automotive Testing is an independent proving ground with many test tracks and various services. From testing vehicle components to developing driver assistance systems, Triwo is your strategic partner to support you with your challenges.

## TTTech Auto

**Booth: 1556**

**Web:** [www.tttech-auto.com](http://www.tttech-auto.com)

TTTech Auto is a global company that provides solutions for the challenges of future vehicle generations. It specializes in safe software and hardware platforms for automated driving and beyond, applicable in series production programs. Its leading technology solutions ensure safety and electronic robustness for a more automated world.

## Typhoon HIL

**Booth: 1278**

**Web:** [www.typhoon-hil.com](http://www.typhoon-hil.com)

Typhoon HIL solutions are based on ultra-high-fidelity controller-hardware-in-the-loop simulation for testing control for power electronics, microgrids, distribution networks and e-mobility. It provides industry-proven vertically integrated test solutions and automation tools. The expo focus is on solutions for battery management systems, electric vehicle powertrains and onboard charging.

## U

## Unholtz-Dickie (Europe Office)

**Booth: 1682**

**Web:** [www.udco.com](http://www.udco.com)

Unholtz-Dickie, celebrating its 65th year, maintains its industry leadership by offering high-quality, highest-performance vibration test equipment. A USA-based manufacturer, it offers electrodynamic shakers, air-cooled amplifiers, integrated slip table assemblies, long-stroke thrusters, vibration controllers, head expanders, transducer calibration systems and instrumentation. [www.udco.com](http://www.udco.com)

## Unico (UK) Ltd | Unico Deutschland GmbH

**Booth: 1104**

**Web:** [www.unicos.com](http://www.unicos.com)

Unico is one of the world's leading experts in high-performance test stand drive systems. Unico designs and manufactures high-performance dynamometers, battery simulators and inverter test systems for powertrain test rigs. Battery cyclers, high-channel-count battery cell testers and module testers for the battery manufacturing industry.

## Unsinn Fahrzeugtechnik GmbH

**Booth: 8200**

**Web:** [www.unsinn.de](http://www.unsinn.de)

Unsinn Fahrzeugtechnik manufactures top-quality, custom-made test trailers for the automotive industry. Its high-quality products precisely meet industry requirements and aid in vehicle development and testing.

## UTAC

**Booth: 1178**

**Web:** [www.utac.com](http://www.utac.com)

UTAC is a market-leading international group working for safer and cleaner mobility. Its offer: customizable testing solutions and systems, vehicle engineering, type approval, certification, regulatory expertise, training, corporate events and classic and sports cars festivals. Its customers: automotive (all types of vehicles and energy), agriculture, transportation, tires, petrochemicals, defense, etc.

**V**

**VBOX Automotive**

**Booth: 8544**

**Web:** [vboxautomotive.co.uk](http://vboxautomotive.co.uk)

VBOX Automotive designs and manufactures GNSS, inertial navigation and indoor positioning systems that measure, record, display, analyze and simulate data from moving vehicles. Ideal for automotive, ADAS and autonomous vehicle applications, VBOX systems are used worldwide for testing and validating performance, handling and safety systems.

**VDL Enabling Transport Solutions BV**

**Booth: 8206**

**Web:** [www.vdlets.nl](http://www.vdlets.nl)

VDL-ETS in Helmond, the Netherlands, is a specialist in automotive testing with experienced professionals with a focus on battery testing, hydraulic testing, shaker testing, ambient and climate testing, homologation testing and electric and E/E testing. VDL-ETS provides electric and mechanical testing for battery cells, modules and packs in its battery testing laboratory.

**Vector Informatik GmbH**

**Booth: 1412**

**Web:** [www.vector.com](http://www.vector.com)

Vector provides OEMs and suppliers of the automotive and related industries with a professional platform of tools, software components and services for the entire development process: from system design and integration to testing, logging, measurement and calibration – and also for integration into automated CI/CD/CT pipelines.

**Vemac GmbH & Co. KG**

**Booth: 1246**

**Web:** [www.vemac.de](http://www.vemac.de)

Vemac is a full-service development provider, certified according to ISO 9001:2015. Its agile interdisciplinary teams, consisting of highly qualified engineers, develop solutions in the E/E field and are also the contact for customized component test benches.

**Verona**

**Booth: 1740**

**Web:** [www.ats-group.org](http://www.ats-group.org)

ATS Group, a group of inspection and certification bodies and designated a technical service by multiple authorities, is able to guarantee the release of type approval of components, systems, technical units and complete vehicles pursuant to ECE and EU regulations.

**Vibration Research Europe GmbH**

**Booth: 1282**

**Web:** [www.vibrationresearch.com](http://www.vibrationresearch.com)

Vibration Research designs and manufactures leading-edge vibration control systems for all brands of electrodynamic and servohydraulic shakers, as well as portable dynamic signal analyzers. Since 1995, Vibration Research has become the leader and innovator in the field of vibration control. Its success is based on reliable, user-friendly software packages.

**Vibtec GmbH**

**Booth: 1582**

**Web:** [www.vibtec.de](http://www.vibtec.de)

As an independent and accredited testing laboratory, Vibtec has been offering engineering services for environmental simulation and vibration technology for over 25 years. Its range of services includes vibration and climate testing, optical and vibroacoustic testing and functional and durability testing, as well as the design and manufacture of testing technology.

**Vision Research**

**Booth: 8614**

**Web:** [www.phantomhighspeed.com](http://www.phantomhighspeed.com)

Vision Research is at the expo showcasing high-speed cameras, roller banners, tablecloths, promotional items (t-shirts, caps, pens) and brochures.

**Visol Inc.**

**Booth: 8452**

**Web:** [www.visol.co.kr/kor](http://www.visol.co.kr/kor)

Visol is an image systems solution company, based on the visual solution, with the target of developing the top image systems solutions. Main products are the 3D Motion Analysis System, the High Speed Lighting System and the Sports Timing Measuring System.

**Vispiron Rotec | Vispiron Systems**

**Booth: 1611**

**Web:** [vispiron.de](http://vispiron.de)

The Vispiron Group is represented at the expo by Vispiron Rotec, a world market leader for measurement and analysis of torsional or rotational vibrations with high-precision measurement technology and evaluation software, and Vispiron Systems, a test service provider with high-voltage laboratories for testing power electronics as well as battery laboratories for all types of battery cell tests.

**VKT Video Kommunikation GmbH, Technisches Fernsehen**

**Booth: 8502**

**Web:** [www.vkt.de](http://www.vkt.de)

VKT is the official distributor for Photron products in Germany and Austria. Photron is a trusted supplier of high-speed cameras to leading research and industrial groups around the world, delivering quality, reliability and high performance for the most challenging imaging applications.

**VSE Volumentchnik GmbH**

**Booth: 1502**

**Web:** [www.vse-flow.com](http://www.vse-flow.com)

VSE Volumentchnik stands for high-precision flow measurement technology. VSE develops and produces flow meters for virtually all pumpable media and the corresponding evaluation electronics. Since 1989, VSE has been part of the Echterhage Group.

**VTs Schumann GmbH**

**Booth: 1378**

**Web:** [www.vts-schumann.com](http://www.vts-schumann.com)

The core competencies of VTS Schumann are solutions in the field of test bench design engineering system integration, including service support. A new addition is the IoT server data management 'BOB 24' with IoT RT data analysis (optional) and fuel cell simulation software for training.

**W**

**Weiss Technik GmbH**

**Booth: 1483**

**Web:** [www.weiss-technik.com](http://www.weiss-technik.com)

Weiss Technik is the first choice for engineers and researchers for innovative, safe environmental simulation facilities. In fast motion, Weiss Technik test systems can simulate all the influences in the world, in temperature, climate, corrosion, dust or combined stress tests, all with a very high degree of reproducibility and precision.

**Werum Software & Systems AG**

**Booth: 1322**

**Web:** [www.werum.de](http://www.werum.de)

Werum has been supporting automotive development processes for decades with sophisticated IT solutions for test field, test data and test process management; wind tunnel control systems; data analytics; and mobile test field solutions. The company achieves better efficiency, reliability, visibility and transparency throughout all testing activities and facilitates consistent data.

**Wezag GmbH & Co. KG****Booth: 1112**

**Web:** [www.wezag.de](http://www.wezag.de)  
Wezag ([www.wezag.de](http://www.wezag.de)) is a leading automotive OEM supplier for the most sophisticated and complex hand crimping solutions. Wezag will launch the world's first digital crimping hand tool with integrated crimp force monitoring including track-and-trace functionality and cloud connectivity. All products are developed and produced in Germany.

**Wilhelm Stolle GmbH****Booth: 8334**

**Web:** [www.stolle.net](http://www.stolle.net)  
Wilhelm Stolle is a leading manufacturer of castable solutions. With over 125 years of experience, Stolle stands for the highest precision and quality. Stolle products are favored in the clamping, testing and measuring market segments, as well as in special construction. Customer service and advice on suitable solutions take center stage.

**Wiretronic AB****Booth: 1112**

**Web:** [www.wiretronic.com](http://www.wiretronic.com)  
Wiretronic produces electronics and wiring for the automotive and aviation industries in Sweden and Europe. Its customers are commercial, premium and sports car makers, and aviation and industrial clients. Additionally, Wiretronic has an AI-based vision system for identifying components using smartphone pictures, making repair instructions and data easier to find.

**WKM Wärmeprozess- und Klimaprüftechnik Michel GmbH & Co. KG****Booth: 1168**

**Web:** [www.wkm-michel.de](http://www.wkm-michel.de)  
WKM offers professional systems for environmental simulation and media temperature control. Electromobility, industrial production, research: in these and many other areas, environmental simulation and media temperature control are indispensable in the development process. WKM offers you professional test facilities and systems for each of these applications and each of your requirements.

**WKS Informatik GmbH****Booth: 1313**

**Web:** [www.wks-informatik.de](http://www.wks-informatik.de)  
WKS Informatik has been providing innovative and cost-efficient solutions around the most important automotive trends for more than 10 years. It offers turnkey solutions for automotive electrical tests using its LV124/LV148 systems and products, as well as testing services in a new expert center for LV124/LV148.

**X****X2E GmbH****Booth: 1524**

**Web:** [www.x2e.de](http://www.x2e.de)  
X2E specializes in high-performance dataloggers and accessories for the automotive industry. The devices allow for numerous customer-specific adaptations, such as interface assembly and retrofitting. All common bus systems and software protocols are supported (e.g. 100/1000BASE-T1, 10-Gigabit-ethernet, CAN, FlexRay, RS-232, LIN, MOST, PS15, analog signals, XCP/CCP and DLT).

**Xi'an ActionPower Electric Co. Ltd****Booth: 1674**

**Web:** [www.actionpowertest.com](http://www.actionpowertest.com)  
Xi'an ActionPower Electric has been dedicated to the R&D of test power supply technology since 1996. With industry-leading technology, the company now provides the market with professional products and test solutions covering diverse sectors such as green energy, automotive electronics, aerospace, laboratories, etc.

**Y****Yamaichi Electronics Deutschland GmbH****Booth: 8000**

**Web:** [www.yamaichi.de](http://www.yamaichi.de)  
Yamaichi's connectors and cable assemblies work perfectly with automotive testing equipment. The company's main product is the Y-Circ P push-pull circular connector series. Connection and test sockets are also offered. Customers benefit from shorter, lighter, stain-resistant design; easy assembly; and good pricing. Made in Germany, guaranteeing short delivery times.

**Yokogawa Deutschland GmbH Test & Measurement****Booth: 1466**

**Web:** [tmi.yokogawa.com/de](http://tmi.yokogawa.com/de)  
Yokogawa has been developing measurement solutions for 100 years, consistently finding new ways to give R&D teams the tools they need to gain the best insights from their measurement strategies. The company has pioneered accurate power measurement throughout its history, and is the market leader in digital power analyzers.

**Young Calibration****Booth: 1578**

**Web:** [www.youngcalibration.co.uk](http://www.youngcalibration.co.uk)  
Founded over 25 years ago, Young Calibration is an independent laboratory providing component cleanliness, thermal fluid component testing and ISO17025 calibration services. It specializes in heat exchanger performance and durability testing and accredited calibration of flow measurement systems, courtesy of UKAS accreditation.

**Z****ZD Automotive GmbH****Booth: 1203**

**Web:** [www.zd-automotive.de](http://www.zd-automotive.de)  
Founded in 2012, ZD Automotive combines German engineering with Chinese innovation, specializing in infotainment, autonomous driving and proprietary products for development and testing, bridging China and Germany for global automotive excellence.

**ZES Zimmer Electronic Systems GmbH****Booth: 1362**

**Web:** [www.zes.com](http://www.zes.com)  
For more than four decades, Zimmer has been pushing the boundaries of what is possible in performance analysis. Zimmer Electronic Systems is the sole high-tech company worldwide exclusively dedicated to high-precision power analysis. At the headquarters in Oberursel, power analyzers are devised, developed, manufactured and sold worldwide.

**ZF Friedrichshafen AG****Booth: 1542**

**Web:** [www.zf.com/testsystems](http://www.zf.com/testsystems)  
Based on several decades of in-depth experience developing testing equipment, ZF Test Systems offers custom-designed testing systems with proven, reliable technology. This includes R&D as well as production test systems for tires and wheels, transmission and axles, e-mobility, brakes, transmission components and oils, battery testing, automation and data storage and advanced analytics.

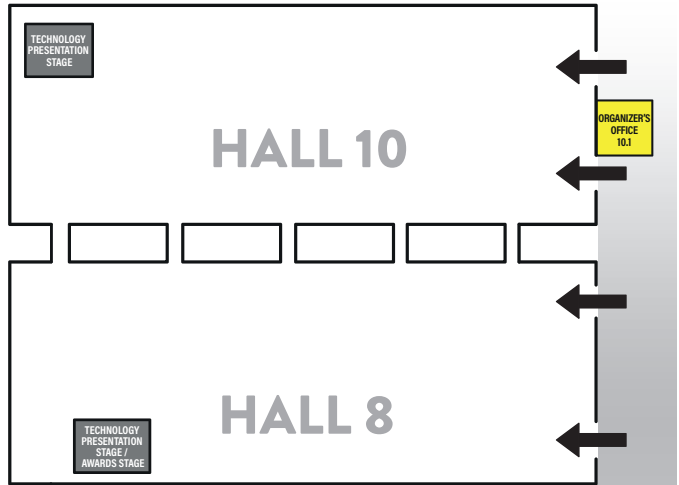
# TECHNOLOGY PRESENTATION STAGE



In addition to the main event, Automotive Testing Expo Europe 2024 will feature not one but two Technology Presentation Stages, where more than 60 leading industry experts will speak freely on topics at the heart of today's automotive industry.

## FREE TO ATTEND!


Scan the QR code to download the showguide app for the latest updates




## DAY 1, TUESDAY, JUNE 4

### HALL 8 - MORNING SESSION


**10:00** **Upgrading your hardware-in-the-loop testing infrastructure: enhancing future mobility**

 Dr Sung-Yong Lee, chief engineer, teaching and research area mechatronics in mobile propulsion (MMP), RWTH Aachen, Germany


**10:20** **Battery production test - from cell to module and pack**

 Manuel Hofmann, chief solution marketer, battery test, NI (Test and Measurement at Emerson), Germany


**10:40** **High-speed volumetric capture and CAE comparison**

 Koji Sasaki, assistant manager, Photron Ltd, Japan



**11:00** **Fatigue damage estimation using an engineering/data science approach**

 Thomas Kemmerich, technical software expert, HBK - Hottinger, Brüel & Kjær GmbH, Germany


**11:20** **Catesby Tunnel: taking real-world testing repeatability to new levels**

 Dr Jon Paton, managing director, Catesby Projects, UK


**11:40** **Insights into the next generation of powertrain testing at AMG**

 Jan Georges, senior engineer, test and validation, tracetronic GmbH, Germany  
 Moritz Sauren, software developer, Mercedes-AMG GmbH, Germany

**12:00** **An advanced E/E integration solution for e-drive systems**


 Dr Gerald Sammer, principal business development manager, AVL, Austria

**12:20** **Sensor systems in testing automotive driving dynamics**

 Florian Sailer, application specialist wheel force transducer and telemetry, imc Test and Measurement GmbH - an Axiometrix Solutions brand, Germany

### HALL 10 - MORNING SESSION


**10:00** **Durability engineering 2.0: how Alpine utilized Compredict's virtual sensor platform**

 Dr Daniel Dilmetz, head of platform sales and partnerships, Compredict GmbH, Germany  
Stefan Hassels, head of product, Compredict GmbH, Germany


**10:20** **Innovative sensor telemetry solutions for automotive challenges**

 Dr Julia Manner, director, Manner Sensortelemetrie GmbH, Germany

**10:40** **Simcenter Testlab RT for XIL test rigs and simulators**

 Ludo Gielen, senior director innovation and incubation testing solutions and smart vehicle technologies, Siemens Simulation & Test Solutions, Belgium

**11:00** **Smart charging - from conformity to interoperability**

 Dr Raphael Pfeil, senior product manager, Vector Informatik GmbH, Germany

**11:20** **Localization and mapping validation services for highly automated driving vehicles**



Gregory Schroeder, software engineer, IAV, Germany

**11:40** **Cloud-based testing for HIL and SIL**



Hartmut Jürgens, product manager, dSpace GmbH, Germany

**12:00** **Challenges in cybersecurity testing for future mobility solutions**



Jorge Wallace Ruiz, cybersecurity technical leader, DEKRA, Spain

**12:20** **New approach to hardware-in-the-loop automotive chassis simulation system**



Colin Gong, technical support operations manager, Shanghai Tosun Technology Ltd, China

**12:40** **MISRA C in an ISO 26262 context**



Andrew Banks, technical specialist, LDRA, UK

**13:00** **Four ways AI can reduce engineering time and cost**



Dr Richard Ahlfeld, CEO and founder, Monolith AI, UK

**14:30** **Join us for the Automotive Testing Technology International Awards Forum 2024 (Hall 8) with celebratory drinks at 17:00. See page 8 for more details**



## ATTI Awards Forum 2024 - 14:30 to 17:00

- Keynotes and fireside chat
- Panel discussion
- ATTI Awards presentation

## DAY 2, WEDNESDAY, JUNE 5

### HALL 8 - MORNING SESSION

**10:00** **Intelligent labs - the future of development**



Steve Whelan, program director, Horiba Mira, UK

**10:20** **Non-contact torque sensors with innovative compensation of environmental effects of speed, temperature and parasitic forces**



Dr Ernst Manner, director, Manner Sensortelemetrie, Germany

**10:40** **Charting new routes: innovations in open-road navigation for testing**



Jonathan Deacon, product manager, OXTS, UK

**11:00** **Vehicle security: shifting left with HIL-based testing and penetration testing**



Markus Maier, executive director, Argus Cyber Security, Germany

**11:00** **Vehicle security: shifting left with HIL-based testing and penetration testing**



Thomas Brandt, senior consultant, dSpace GmbH, Germany

**11:20** **Operation experience with hydrogen storage systems at IABG's test infrastructure**



Torsten Semper, head of business development, IABG mbH, Germany

**11:40** **Using K&C hybrid simulation to accelerate active chassis development**



Thomas Stachel, principal staff engineer, MTS System Corporation, USA

**12:00** **An ideal power test system for high-voltage and high-speed MCU**



Yanbiao Sun, product manager, Shanghai KeLiang Information Technology Co. Ltd, China

**12:20** **Accurately testing 4D imaging radars with CATR technology**



Hock-Yew Yeap, solution manager, Keysight Technologies, Germany

**12:40** **FDS - Fatigue damage spectrum - the real magnitude**



Peter-Johann Sikora, head of training and accreditation, Vibration Research Europe GmbH, Germany

### HALL 8 - AFTERNOON SESSION

**14:00** **Leveraging AI and cloud services for measurement data**



Waqas Ahmad, head of InSynx | process and project management, Müller-BBM VibroAkustik Systeme GmbH, Germany

**14:20** **openDAQ - unlimited data access via one software development kit**



Nils Röttger, CTO, Blueberry d.o.o., Slovenia

**14:40** **Digital twin for pre-silicon test and development environment for SDV**



Conhas Thakkar, solution architect, Siemens AG, Germany

**15:00** **Shape the future of in-vehicle AI robotic testing**



David Tung, associate vice president, Allion Labs, Taiwan

**15:20** **Hardware-in-the-loop (HIL): the key factor in BMS design verification**



Paul Bovingdon, technical engineering manager, Pickering Interfaces, UK

**15:40** **SEEL - the new test center for electromobility**



Dr Martin Gustavsson, research director, SEEL Swedish Electric Transport Laboratory, Sweden

**HALL 10 - MORNING SESSION**

- 10:00** **Pioneering virtual calibration for EV powertrain: AI's role in performance**  
 Morgan Jenkins, chief product officer, Secondmind, UK
- 10:20** **ADAS testing revolution: simulating scenarios from ground truth**  
 Heiko Ruth, technical director, Luxoft GmbH, Germany
- 10:40** **Advanced machine mapping with result verification and MU calculation**  
 Klaus Lang, head of business development EMEA, HBK GmbH, Germany
- 11:00** **Beyond measurement technology: solutions for testing electric vehicles and components**  
 Christian Walther, business development, imc Test and Measurement GmbH, an Aximetrix Solutions brand, Germany
- 11:20** **The transition from domain to zonal network architecture for SDV**  
 Felix Ottofuelling, business development manager EU, Intrepid Control Systems, Germany
- 11:40** **An efficient solution for decoupling the test automation process from PLM**  
 Manuel Zabelt, product owner, tracetronic GmbH, Germany
- 12:00** **Italdesign: a flexible design approach to embedded systems SW testing**  
 Claudio Sala, head of EE validation and testing, Italdesign, Italy
- 12:20** **Managing the transition into a new era of connectivity**  
 Wolfgang Horrig, global sales manager, EA Elektro-Automatik, Germany

- 12:40** **Modernizing control software testing of electric powertrain components**  
 Dr Dusan Majstorovic, chief technology officer, Typhoon HIL, USA

**HALL 10 - AFTERNOON SESSION**


- 14:00** **Itech test solution for EV electronics**  
 Christian Korreng, GM, LXinstruments, Itech Partner, Germany
- 14:20** **Reduce energy usage by 35% using hybrid HPU technology**  
 James Hennen, senior business development manager, MTS Systems, USA
- 14:40** **A toolbox for efficient EV range development and certification**  
 Dr Björn Ebel, head of system line management, AVL Zöllner GmbH, Germany
- 15:00** **In-vehicle network security**  
 Ionel Ghita, technology specialist, Keysight, Romania  
Marty Gubow, TSN program manager, Keysight, USA
- 15:20** **ADwin-Gold III for end-of-line testing, HIL and test stand automation with Simulink/ADbasic/ADwin C**  
 Heinz Beimert, international sales and consultant manager, Jaeger Computergesteuerte Messtechnik GmbH, Germany
- 15:40** **Advance controller development with a pragmatic digital approach**  
 Dr Mathieu Lu-Dac, senior application engineer, Speedgoat GmbH, Switzerland

**DAY 3, THURSDAY, JUNE 6**

**HALL 8 - MORNING SESSION**

- 10:00** **Scenario-based safety evaluation and SOTIF readiness with advanced autonomous simulation**  
 Dr Minhyuk Son, vice president, Morai, Korea
- 10:20** **Efficiently testing OTX-based diagnostic tester using simulator tool**  
 Dr Alexander Karmazin, director automotive products, RA Consulting GmbH, Germany
- 10:40** **Overcoming challenges for early system validation of automotive driving functions**  
 Dr Thomas Bauer, business area manager, Fraunhofer IEESE, Germany
- 11:00** **Test benches with a high rigidity and stiffness using UHPC**  
 Dr Bernhard Sagmeister, managing director, durecrete GmbH, Germany
- 11:20** **Testing of high-power drivetrains at high speeds**  
 Albert Wimmer, managing director, Isar Getriebetechnik GmbH & Co. KG, Germany

**HALL 10 - MORNING SESSION**

- 10:00** **Generated reality helps autonomous driving close the loop of data**  
 Xiaohang Yin, COO, ZD Automotive, Germany
- 10:20** **Thermal testing of HV components with a keyhole method**  
 Timo Eich, business development manager, CSM Computer-Systeme-Messtechnik GmbH, Germany
- 10:40** **Open ecosystems: the art of what's possible with dynamic data**  
 Stefan Kremer, international sales director, Müller-BBM VibroAkustik Systeme GmbH, Germany
- 11:00** **Strategies for maintaining compliance amid changing regulations**  
 Antonio Bonetti, manager of sales and solutions, Aptiv, Italy
- 11:20** **Data-driven validation for the safety of automated driving**  
 Dr Max Winkelmann, data scientist, IAV GmbH, Germany

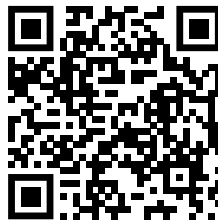


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# HALL 6

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# EXHIBITING COMPANIES

NEW EXHIBITORS  
FOR 2024

## EXHIBITORS A-Z

| COMPANY   | HALL | BOOTH            |   |   |                  |
|---|------|------------------|---|---|------------------|
| ADAS & Autonomous Vehicle International               | 6    | 6400             | Eurotech SpA  | 6 | 6326             |
| ADAS & Autonomous Vehicle Technology Expo Europe 2025 | 6    | 6500             | Exascend  | 6 | 6320             |
| AED Vantage GmbH                                      | 6    | 6010             | fka GmbH  | 6 | 6720             |
| AlliveSim   | 6    | 6022             | Focal Point Positioning                               | 6 | 6100             |
| aiMotive Kft  | 6    | 6627             | Foretellix  | 6 | 6110             |
| Ansys   | 6    | 6024             | Futue GmbH  | 6 | 6708             |
| Applied Intuition                                     | 6    | 6602             | GIS   | 6 | 6032             |
| Applis Idiada   | 6    | 6026             | Guangzhou Zeer Testing Technology Co. Ltd             | 6 | 6120             |
| Asensing  | 6    | 6334             | HiveMQ GmbH   | 6 | 6127             |
| Automotive Artificial Intelligence (AAI) GmbH         | 6    | 6604             | Imagry Autonomous Driving                             | 6 | 6624             |
| AVL List GmbH   | 6    | 6510             | Infiniq   | 6 | 6438             |
| AVSimulation  | 6    | 6516             | InoNet Computer GmbH                                  | 6 | 6326             |
| b-plus GmbH   | 6    | 6126             | Integrated Quantum Photonics                          | 6 | 6430             |
| BeamNG GmbH   | 6    | 6018             | intoPIX SA  | 6 | 6530             |
| Bias Mühndeslik                                       | 6    | 6706             | Intrepid Control Systems, Inc.                        | 6 | 6702             |
| Brightdrive   | 6    | 6524             | IPG Automotive GmbH                                   | 6 | 6304             |
| Brightskies   | 6    | 6524             | ITAS   Intelligent Systems                            | 6 | 6710             |
| Calian, formerly known as Tallysman Wireless          | 6    | 6722             | Klas  | 6 | 6628             |
| CANlab Co. Ltd  | 6    | 6025             | Kognic  | 6 | 6618             |
| Catana Corporation Limited                            | 6    | 6600             | Kolena  | 6 | 6714             |
| Claytex   | 6    | 6200             | LiangDao GmbH   | 6 | 6606             |
| Cognata   | 6    | 6536             | Mobileye  | 6 | 6428/<br>Sponsor |
| Deepen AI, Inc.                                       | 6    | 6138/<br>Sponsor | Morai   | 6 | 6328             |
| dSpace GmbH   | 6    | 6526/<br>Sponsor | NetApp Deutschland GmbH                               | 6 | 6127             |
| ETAS GmbH   | 6    | 6508/<br>Sponsor | neurocat  | 6 | 6724             |
|   |      |                  | Ottometric  | 6 | 6518             |
|   |      |                  | Proven Technologies                                   | 6 | 6144             |
|   |      |                  | Raval ACS Ltd   | 6 | 6046             |
|   |      |                  | Reply   | 6 | 6028             |
|   |      |                  | rFpro   | 6 | 6102             |
|   |      |                  | RoboSense   | 6 | 6718             |
|   |      |                  | SafeAD GmbH   | 6 | 6014             |
|   |      |                  | Safety Pool Scenario Database                         | 6 | 6142             |
|   |      |                  | SEA Datentechnik GmbH                                 | 6 | 6610             |
|   |      |                  | SEITech Solutions GmbH                                | 6 | 6336             |
|   |      |                  | Solectrix GmbH  | 6 | 6626             |
|   |      |                  | Spirent Communications                                | 6 | 6340             |
|   |      |                  | Splunk Services Germany GmbH                          | 6 | 6127             |
|   |      |                  | STMicroelectronics Application GmbH                   | 6 | 6620             |
|   |      |                  | SVA System Vertrieb Alexander GmbH                    | 6 | 6127             |
|   |      |                  | Synopsis  | 6 | 6304             |
|   |      |                  | TargSim Technology Co. Ltd                            | 6 | 6045             |
|   |      |                  | Technica Engineering GmbH                             | 6 | 6318             |
|   |      |                  | Teledyne FLIR   | 6 | 6532             |
|   |      |                  | Telus International                                   | 6 | 6300             |
|   |      |                  | TrianGraphics GmbH                                    | 6 | 6712             |
|   |      |                  | Vaiva GmbH  | 6 | 6140             |
|   |      |                  | Validas AG  | 6 | 6520             |
|   |      |                  | VCarSystem  | 6 | 6104             |
|   |      |                  | Vector Informatik GmbH                                | 6 | 6006             |
|   |      |                  | Verkehrsunfallforschung an der TU Dresden GmbH (VUFO) | 6 | 6027             |
|   |      |                  | ViGEM GmbH  | 6 | 6528             |
|   |      |                  | Vitesco Technologies GmbH                             | 6 | 6444             |
|   |      |                  | Xylon   | 6 | 6310             |

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# SESSIONS AT A GLANCE

## DAY 1, TUESDAY, JUNE 4, 2024

09:00 - 12:25 - Issues, strategies and innovations driving and shaping the development and deployment of ADAS and AV technologies

ROOM 1

14:00 - 17:00 - Standards, regulations, homologation and collaboration

ROOM 1

09:00 - 17:00 - Advances in software, AI, architecture and data management

ROOM 2

## DAY 2, WEDNESDAY, JUNE 5, 2024

09:00 - 12:30 - Demonstrating safety and validating and homologating automated driving systems for the deployment of level 2+ technologies and beyond

ROOM 1

14:00 - 17:00 - Learning from real-world and proving ground test and deployment, and integrated virtual testing

ROOM 1

09:00 - 17:00 - State-of-the-art scenario-based testing and simulation

ROOM 2

## DAY 3, THURSDAY, JUNE 6, 2024

09:00 - 12:00 - Developments in connectivity, mapping and positioning

ROOM 1

13:20 - 15:00 - Advanced simulation and in-the-loop testing

ROOM 1

09:00 - 12:25 - Best practices for the development, acceleration and safe deployment of ADAS & AV technologies

ROOM 2

14:00 - 17:00 - Development, test, deployment and evaluation of sensors

ROOM 2

### Conference speakers include:



**Uivetha Natterjee**

Autonomous vehicle safety specialist  
 Zeekr Technology Europe, Sweden



**Nils Katzorke**

Project coordinator  
 Mercedes-Benz, Germany



**Dustin Black**

Senior principal performance engineer  
 Red Hat, Germany



**Georg Kuschik**

Director of perception  
 Plus, USA



**Dr Clara Marina Martinez**  
 Engineer - ADAS virtual development  
 Porsche Engineering Services,  
 Germany



**Didier Wautier**

General manager - synthesis and  
 immersive simulation  
 Renault, France

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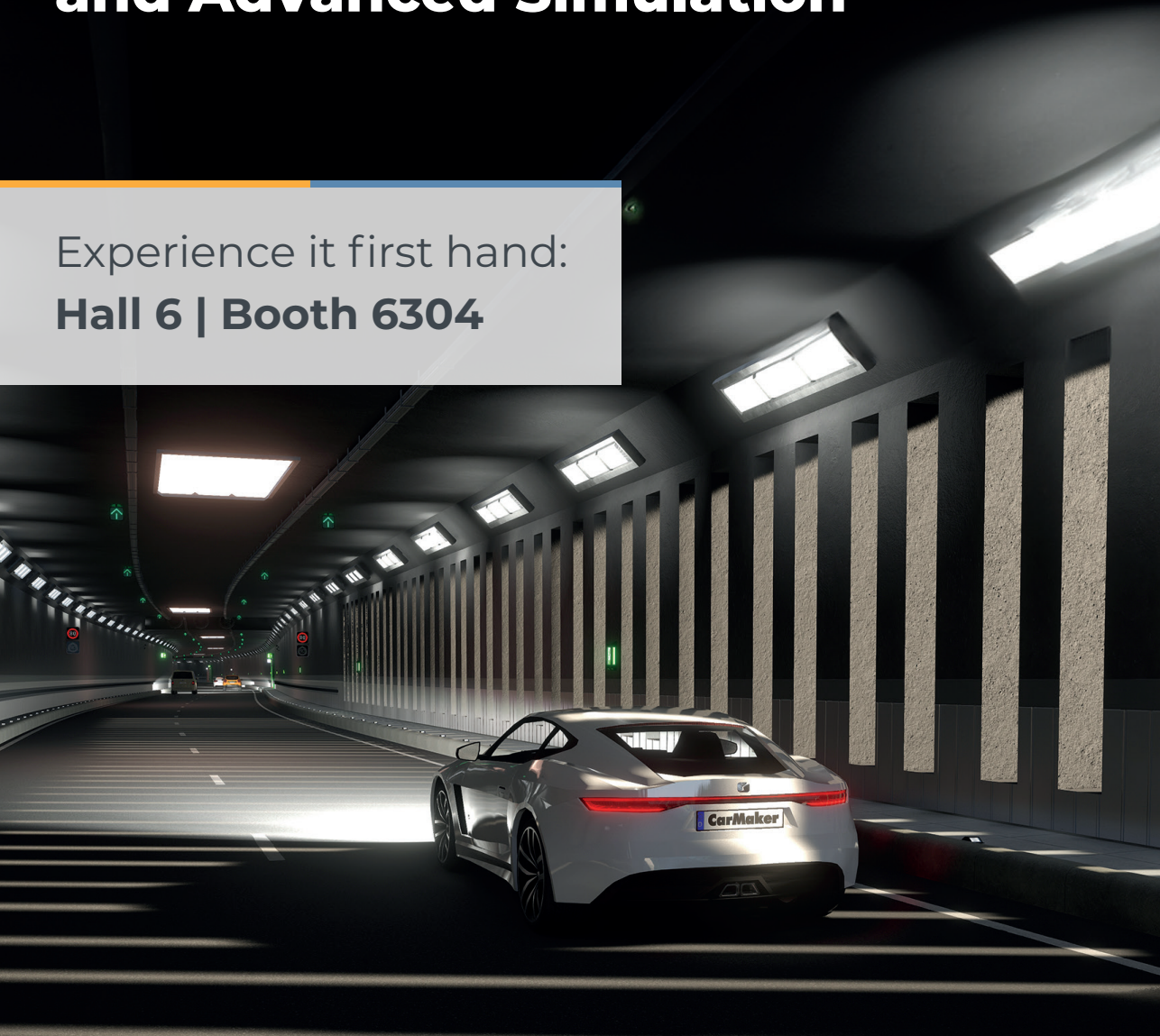
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For more information about the ADAS & Autonomous Vehicle Technology Expo Conference, please contact Tim Sandford, conference director: [tim.sandford@ukimediaevents.com](mailto:tim.sandford@ukimediaevents.com)

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# EXHIBITOR LISTINGS

## A

### ADAS & Autonomous Vehicle International

**Booth: 6400**

**Web:** [www.autonomousvehicleinternational.com](http://www.autonomousvehicleinternational.com)

ADAS & Autonomous Vehicle International presents the latest technologies, innovations and case studies from the world of connected and autonomous vehicles, as well as the latest ADAS developments. Print and digital copies combined reach an international circulation of 28,000 engineers and decision makers from vehicle OEMs and Tier 1 and Tier 2 manufacturers. Visit the booth to pick up a copy and register for a free subscription.

### ADAS & Autonomous Vehicle Technology Expo Europe 2025

**Booth: 6500**

**Web:** [www.autonomousvehicletechnologyexpo.com](http://www.autonomousvehicletechnologyexpo.com)

The 2025 ADAS & Autonomous Vehicle Technology Expo and Conference will take place on May 20, 21 & 22 at the Messe Stuttgart. ADAS & Autonomous Vehicle Technology Expo will continue its expansion into North America with an expo and conference in San Jose, California, on August 28 & 29, 2024. If you wish to forward book a prime location for Stuttgart 2025 and/or San Jose, California, 2024, please visit Booth 6500 (Hall 6) ASAP.

### AED Vantage GmbH

**Booth: 6010**

**Web:** [www.aed-vantage.com](http://www.aed-vantage.com)

With AED's know-how in the areas of software, electronics design and optimization of the system architecture, as well as validation, it supports you as a holistic partner – from the first idea to series production, or just for one or more subareas, depending on your needs.

### AlliveSim

**Booth: 6022**

**Web:** [www.allivesim.com](http://www.allivesim.com)

AlliveSim's versatile simulation platform empowers comprehensive testing and innovation. Leveraging the latest UnReal engine, combined with realistic sensors, dynamic scenarios and automated variations, it supports a wide range of industries and applications, from situational awareness and autonomous systems to in-cabin monitoring applications.

### aiMotive Kft

**Booth: 6627**

**Web:** [www.aimotive.com](http://www.aimotive.com)

At its booth, aiMotive is set to unveil the future of autonomous driving with its cutting-edge, in-house-developed software tooling products, aiSim, the world's first ISO 26262 ASIL-D certified simulator tool, and aiData, the most advanced pipeline for automated driving.

### Ansys

**Booth: 6024**

**Web:** [www.ansys.com](http://www.ansys.com)

Mission: powering innovation that drives human advancement. For over 50 years, Ansys software has enabled innovators to push boundaries with the predictive power of simulation. From sustainable transportation to advanced semiconductors, from satellite systems to life-saving medical devices, Ansys software will power the next great leaps in human advancement.

### Applied Intuition

**Booth: 6602**

**Web:** [www.appliedintuition.com](http://www.appliedintuition.com)

Applied Intuition is a Tier 1 vehicle software supplier that accelerates the adoption of safe and intelligent machines. Applied Intuition delivers a world-class ADAS/AD toolchain and vehicle platform for customers to shorten time-to-market, build leading products and create next-generation experiences. Stop by the booth to meet the team!

### Applu Idiada

**Booth: 6026**

**Web:** [www.idiada.com](http://www.idiada.com)

Idiada offers complete services for ADAS and connected and automated vehicles through the entire vehicle development cycle. These services include complete support for function implementation, combining functional requirements, software development processes, hardware integration experience and state-of-the-art simulation and testing tools, all proved through successful customer projects.

### Asensing

**Booth: 6334**

**Web:** [www.asensing.com](http://www.asensing.com)

Asensing is committed to developing cutting-edge sensor products for autonomous mobility. Its main products include high-precision positioning units like GNSS and IMU modules, integrated navigation systems and lidars. Founded in 2014, the tech company is the market leader in high-precision positioning solutions for autonomous vehicles in China.

### Automotive Artificial Intelligence (AAI) GmbH

**Booth: 6604**

**Web:** [www.automotive-ai.com](http://www.automotive-ai.com)

AAI ReplicaR is a comprehensive end-to-end simulation platform that meets the industry standards of ASAM and automotive ISO norms like SOTIF for efficient scenario generation, execution, extraction and analysis on a huge, up-to-now unrivaled map network. Users profit from the combination of a virtual world and real-world data.

### AVL List GmbH

**Booth: 6510**

**Web:** [www.avl.com](http://www.avl.com)

AVL is one of the world's leading mobility technology companies for development, simulation and testing in the automotive industry and beyond. The company provides concepts, solutions and methodologies in fields like vehicle development/integration, e-mobility, automated and connected mobility (ADAS/AD) and software for a greener, safer, better world of mobility.

### AVSimulation

**Booth: 6516**

**Web:** [www.avsimulation.com](http://www.avsimulation.com)

AVSimulation provides customized hardware and software simulation solutions for the automotive industry to test and validate autonomous driving systems in a virtual environment. Its flagship product, SCANer, is a simulation platform designed to test ADAS, lighting and human factors among others, in a wide range of scenarios.

## B

### b-plus GmbH

**Booth: 6126**

**Web:** [www.b-plus.com](http://www.b-plus.com)

The b-plus group is an international leading development partner for advancing technologies in the fields of autonomous driving, driver assistance systems and the automation of mobile machines. With its development tools, automotive software and mobile automation divisions, it offers its customers a wide range of measurement technology, software and hardware.

**BeamNG GmbH**

**Booth: 6018**

**Web:** [www.beamng.gmbh](http://www.beamng.gmbh)

BeamNG is a versatile simulation platform that offers highly realistic, real-time vehicle simulations through its soft-body physics approach. It is highly adaptable and customizable, making it ideal for various industrial applications, including autonomous vehicle training, driver behavior research, vehicle interior simulation and machine learning initiatives.

**Bias Mühendislik**

**Booth: 6706**

**Web:** [bias.com.tr/en](http://bias.com.tr/en)

Mobias provides test and software solutions for ADAS testing, object detection and tracking, environmental testing, AI-powered connected vehicle data processing, lidar-based ground systems and related services.

**BrightDrive**

**Booth: 6524**

**Web:** [www.brightskiesinc.com](http://www.brightskiesinc.com)

BrightDrive is a Brightskies company and a leading developer of autonomous driving technology. BrightDrive develops driver assistance and fully automated driving solutions for different forms of vehicles. BrightDrive also provides fully autonomous Mobility as a Service solutions for logistic chains and smart cities.

**Brightskies**

**Booth: 6524**

**Web:** [www.brightskiesinc.com](http://www.brightskiesinc.com)

Brightskies is a digital transformation enabler and market leader founded in 2012 with more than 400 employees. With over a decade of experience working closely with more than 50 clients, Brightskies guarantees exceptional results to help your business succeed and stand out.

**C**

**Calian, formerly known as Tallysman Wireless**

**Booth: 6146**

**Web:** [www.calian/gnss](http://www.calian/gnss)

Calian GNSS (formerly Tallysman Wireless) is a leading manufacturer of high-precision GNSS and iridium antennas, smart antennas (antennas with built-in GNSS receiver) and accessories supporting a broad range of satellite-based positioning and navigation applications.

**CANlab Co. Ltd**

**Booth: 6025**

**Web:** [www.can-lab.co.kr](http://www.can-lab.co.kr)

Visit the booth to discover the company's areas of expertise: AI, ADAS, automotive sensors, embedded systems, embedded software, sensor data, DAQ systems, etc.

**Catana Corporation Limited**

**Booth: 6600**

**Web:** [www.catana.co.jp/en](http://www.catana.co.jp/en)

Japan's number one real-time lossless compression technology, Catana Versatile Compression (CVC), guarantees data integrity on compression/decompression, simultaneously achieving real-time high-speed performance. CVC, an extreme lossless compression software, is widely used by Japan's major automotive manufacturers and the biggest energy company, creating remarkable reductions in costs and power consumption.

**Claytex**

**Booth: 6200**

**Web:** [www.claytex.com](http://www.claytex.com)

Claytex, a Technia company, delivers exceptional tools at the cutting edge of vehicle simulation with over 25 years of experience in the motorsport and automotive sectors. Claytex's autonomous vehicle simulation solution provides physics-based sensor models enabling OEMs to test, develop and deploy AV solutions into the real world.

**Cognata**

**Booth: 6536**

**Web:** [www.cognata.com](http://www.cognata.com)

Cognata provides a realistic automotive simulation platform where virtual cars travel virtual roads, from digital twin cities to unmarked terrains that are remarkably true to real-world conditions. Working with leading automotive companies worldwide, Cognata's platform delivers simulation solutions for the entire automated driving product lifecycle: training, testing and deployment.

**D**

**Deepen AI, Inc.**

**Booth: 6138 / Sponsor**

**Web:** [www.deepen.ai](http://www.deepen.ai)

Deepen AI is the only safety-first data lifecycle tools and services company focused on enhancing machine learning and AI for autonomous systems. Deepen AI offers calibration and annotation tools and services tailored for both enterprises and startups worldwide.

**dSpace GmbH**

**Booth: 6526 / Sponsor**

**Web:** [www.dspace.com](http://www.dspace.com)

dSpace is a leading global provider of simulation and validation solutions for developing connected, autonomous and electrically powered vehicles. With more than 2,600 employees worldwide, the company is headquartered in Paderborn, Germany; has three project centers in Germany; and serves customers through regional dSpace companies in eight countries.

**E**

**ETAS GmbH**

**Booth: 6508 / Sponsor**

**Web:** [www.etas.com](http://www.etas.com)

ETAS provides vehicle basic software, middleware, development tools, cloud-based operations services, cybersecurity solutions and end-to-end engineering and consulting services for the realization of software-defined vehicles. ETAS is represented in twelve countries in Europe, North and South America and Asia.

**Eurotech SpA**

**Booth: 6326**

**Web:** [www.eurotech.com](http://www.eurotech.com)

With three decades of innovation, Eurotech has established itself as a leader in high-performance computing (HPC) and edge solutions, crucial for the development of advanced driver assistance systems (ADAS). The portfolio, characterized by high performance and computational density, is tailored to facilitate the full cycle of ADAS development.

**Exascend**

**Booth: 6320**

**Web:** [www.exascend.com](http://www.exascend.com)

Exascend specializes in delivering customer-centric, high-performance and reliable storage solutions tailored for automotive and industrial sectors. Its comprehensive range of in-house-developed flash products, including SSDs, PCIe BGA and eMMC solutions, caters to ADAS and autonomous driving markets. Explore Exascend's offerings at its booth for further insights.

**F****fka GmbH****Booth: 6726****Web:** [www.fka.de](http://www.fka.de)

fka – creating ideas and driving innovation. LevelXData – fka provides high-quality naturalistic traffic and scenario data for various applications. Lidar advert headed by fka – the consortium's objective is to create a test methodology for performance evaluation of lidar sensors when subjected to adverse conditions.

**Focal Point Positioning****Booth: 6100****Web:** [www.fppnt.com](http://www.fppnt.com)

Focal Point develops groundbreaking technologies that boost the accuracy, reliability and security of GNSS sensors. Partnering with chipset manufacturers, OEMs, Tier 1s and navigation engine suppliers, Focal Point provides auto makers with a scalable software upgrade to ADAS and self-driving systems, extending its availability even in the presence of GNSS challenges.

**Foretellix****Booth: 6110****Web:** [www.foretellix.com](http://www.foretellix.com)

Foretellix is the leading provider of safety-driven verification and validation solutions for automated driving systems and ADAS. Foretellix's Foretify platform helps automotive, trucking and mining customers to ensure safety, reduce development costs and accelerate time-to-market. Foretellix is headquartered in Israel, with offices in the US, Europe and Asia.

**Futue GmbH****Booth: 6708****Web:** [www.futue.de](http://www.futue.de)

Futue is a small company from Aachen, Germany, founded by scientists, engineers and scientific assistants in the field of autonomous and automated driving. Futue focuses on providing services for the development of hardware and software, consultation and teaching. Visit the booth and find out whether Futue is the right choice for you!

**G****GIS****Booth: 6032****Web:** [www.gis-touch.com](http://www.gis-touch.com)

As a world-leading touch display provider specialized in sensing and optical technologies, GIS will showcase to its valued customers and partners a series of smart vehicle applications, including AR HUD, anti-reflection coating technology and hidden touch displays. GIS looks forward to seeing you!

**Guangzhou Zeer Testing Technology Co. Ltd****Booth: 6120****Web:** [www.zeer.top](http://www.zeer.top)

Zeer is a global leader in the integration of vehicle dynamic and simulation testing systems, with over 20 years of distributing famous European automotive testing products. ASEva, a platform for active safety evaluation and scenario data acquisition, is wholly developed by Zeer and well applied in the industry.

**H****HiveMQ GmbH****Booth: 6127****Web:** [www.hivemq.com](http://www.hivemq.com)

HiveMQ is the most trusted MQTT platform, transforming businesses with the power to connect, communicate and control IoT data. HiveMQ is the enterprise MQTT standard because it is reliable under real-world stress and proven across industry use cases in automotive, energy, logistics, manufacturing, transportation and more. Visit HiveMQ.com to learn more.

**I****Imagry Autonomous Driving****Booth: 6624****Web:** [www.imagry.co](http://www.imagry.co)

Imagry is an autonomous driving software provider that has created an HD-mapless mobility system for public transportation via self-driving buses. Its bio-inspired technology combines real-time vision-based perception and imitation-learning artificial intelligence (AI). The result is a real-time decision making network that enables autonomous bus driving in city centers and operational zones.

**Infiniq****Booth: 6438****Web:** [www.infiniq.ai](http://www.infiniq.ai)

Infiniq, the leading company in the Korean AI data market, has been providing AI data processing services since 2016. In addition to collecting and processing data essential for AI development for global automotive OEMs and Tier 1 suppliers, Infiniq also offers AI application development services.

**InoNet Computer GmbH****Booth: 6326****Web:** [www.inonet.com](http://www.inonet.com)

InoNet is a German manufacturer and developer of industrial computers. It offers high-performance computer hardware for test and validation applications in vehicle development (ADAS/AD) with over 25 years of expertise. The InoNet automotive product portfolio includes scalable datalogging and HIL computers to simplify ADAS testing.

**Integrated Quantum Photonics****Booth: 6430****Web:** [www.iqp.us](http://www.iqp.us)

Integrated Quantum Photonics (Houston, TX) pioneers advanced optical sensors utilizing silicon photomultiplier (SiPM) architecture. Its new Quantum sensor outperforms SPADs and photodiodes in automotive lidar for ADAS and ACAS systems to clear the path to true Level 5 autonomous driving.

**intoPIX SA****Booth: 6530****Web:** [www.intopix.com](http://www.intopix.com)

intoPIX creates and licenses innovative and lightweight compression technologies. intoPIX codecs for sensors, cameras and videos are the most reliable for managing image sensor data. The company enables a bandwidth-efficient connectivity. intoPIX IP cores and software solutions manage more pixels, preserve quality with no latency, save cost and simplify storage and connectivity.

**Intrepid Control Systems, Inc.****Booth: 6702****Web:** [www.intrepidcs.com](http://www.intrepidcs.com)

Intrepid Control Systems provides OEMs and Tier 1 suppliers with solutions to leverage the vast data generated by connected and software-defined vehicles (SDV). Intrepid has over 30 years of knowledge and experience in vehicle diagnostics, cloud connectivity, visualization, data mining and OTA solutions. Driven by your data.

**IPG Automotive GmbH**

**Booth: 6304**

**Web:** [www.ipg-automotive.com](http://www.ipg-automotive.com)

As a global leader in virtual test driving technology, IPG Automotive develops innovative simulation solutions for vehicle development. The company's software and hardware products for the application areas of autonomous vehicles, ADAS, powertrain and vehicle dynamics are designed for seamless use throughout the entire development process.

**ITAS | Intelligent Systems**

**Booth: 6710**

**Web:** [itas-eng.com/capabilities](http://itas-eng.com/capabilities)

ITAS | Intelligent Systems, established in 2021, is a subsidiary of ITOM Engineering & Supplying Services, providing engineering solutions to global clients primarily in the automotive sector. ITAS primarily focuses on developing projects related to automotive active safety systems. Projects include mid-range radar, in-cabin radar and 4D imaging radar. <https://itas-eng.com>

**K**

**Klas**

**Booth: 6628**

**Web:** [www.klasgroup.com](http://www.klasgroup.com)

Klas, an edge technology company, offers high-performance datalogging solutions with up to 200Gbps (25GBs) read/write speeds with integrated computing, storage and networking, all in a compact, standardized and rugged form factor, designed for life on the road. For more information, visit <https://www.klasgroup.com/markets/automotive>.

**Kognic**

**Booth: 6618**

**Web:** [www.kognic.com](http://www.kognic.com)

Kognic is the leader in data set management software that enables enterprises to assemble efficient data pipelines for sensor fusion. Kognic's solution powers ADAS/AD products from technology leaders such as Qualcomm, Bosch, Continental, Kodiak and Zenseact, which provide perception systems for OEMs such as Ford, BMW and Volvo Cars.

**Kolena**

**Booth: 6714**

**Web:** [www.kolena.com](http://www.kolena.com)

Kolena is a machine learning testing and validation platform. Kolena's unique approach of unit testing for ML empowers ML scientists to test model performance, identify regressions and validate model readiness for deployment, all at the scenario level.

**L**

**LiangDao GmbH**

**Booth: 6606**

**Web:** [www.liangdao.com/en](http://www.liangdao.com/en)

LiangDao is a tech-leading system provider of lidar sensors, providing industry customers with a full stack of lidar sensing systems, including perception software, testing and validation for perception, and data services. Customers include global automotive OEMs, international automotive Tier 1s and leading technology companies in the field of autonomous driving.

**M**

**Mobileye**

**Booth: 6428 / Sponsor**

**Web:** [www.mobileye.com](http://www.mobileye.com)

Mobileye leads the evolution of mobility with its autonomous driving and driver assistance technologies, based on world-renowned expertise in artificial intelligence, computer vision, mapping, and integrated hardware and software. These technologies support a product portfolio structured for scale and designed to unlock the full potential of mobility, offering a range of solutions from premium ADAS to autonomous vehicles.

**Morai**

**Booth: 6328**

**Web:** [www.morai.ai](http://www.morai.ai)

Morai specializes in simulation platforms that verify and validate the safety of unmanned mobility systems. The South Korean tech company serves over 150 clients, including those in various industries, academic institutions and government entities. Morai's platform is recognized for its reliability and effectiveness in enhancing autonomous technology safety.

**N**

**NetApp Deutschland GmbH**

**Booth: 6127**

**Web:** [www.netapp.com](http://www.netapp.com)

NetApp, a pioneering US-based data storage and intelligent infrastructure leader, seamlessly integrates with AWS, Azure and Google Cloud. It empowers automotive OEMs, Tier 1 suppliers and software providers with cutting-edge hybrid cloud solutions to accelerate innovation and performance.

**neurocat**

**Booth: 6724**

**Web:** [www.neurocat.ai](http://www.neurocat.ai)

neurocat revolutionizes autonomous vehicle development with Augmentation as a Service, providing scalable, customized data augmentation to train machine learning models efficiently. Addressing challenges in diverse environments and regulatory compliance, this service optimizes performance. Visit neurocat's booth to explore how its solutions can enhance your perception systems. Discover the future of autonomous driving.

**O**

**Ottometric**

**Booth: 6518**

**Web:** [www.ottometric.com](http://www.ottometric.com)

Ottometric has revolutionized ADAS validation and AI training with a software platform that automates and streamlines the development and real-world testing processes. From optimizing data collection to automated KPI calculation, Ottometric's unique data distillation technology helps auto makers and suppliers identify edge cases, improve system reliability and dramatically reduce costs.

**P**

**Proven Technologies**

**Booth: 6144**

**Web:** [www.proven.technology](http://www.proven.technology)

For over 10 years, Proven Technologies has been at the forefront of software development, with a team of 70+ skilled engineers. It is a trusted partner, certified by ISO 9001, ISO 27001 and TISAX, committed to delivering innovative solutions and shaping the success stories of global giants.

**R**

**Raval ACS Ltd**

**Booth: 6046**

**Web:** [www.raval.co.il](http://www.raval.co.il)

Raval group is a global company with over 50 years of experience in the automotive industry, supplying parts to major OEMs worldwide. Based on its vast experience in cleaning systems, Raval develops the next generation of unique solutions for ADAS cleaning, offering the best cleaning performance with minimum water consumption.

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- ✓ GPU-based data processing
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[www.klasgroup.com](http://www.klasgroup.com)

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## Reply

**Booth: 6028**

**Web:** [www.reply.com/en](http://www.reply.com/en)

Reply offers strategic guidance in crafting a data-driven cycle to support customers in the journey of the AI-powered vehicle: synthetic data generation, standardization (ASAM), automated flow from testing to pipeline orchestration and data mining, and coverage-driven verification through scenario-based testing.

## rFpro

**Booth: 6102**

**Web:** [www.rfpro.com](http://www.rfpro.com)

rFpro provides engineering-grade simulation environments for the automotive and motorsport industries. Its software is used for the development and testing of autonomous vehicles, ADAS, vehicle dynamics and human factor studies. rFpro also maintains the largest library of digital models which includes public roads, proving grounds, test tracks and race circuits.

## RoboSense

**Booth: 6718**

**Web:** [www.robosense.ai/en/index](http://www.robosense.ai/en/index)

RoboSense is a global leader in lidar solutions. Its mission is making the world safer and smarter through autonomous technology. Through customer-centric products, iteration and world-class manufacturing, RoboSense delivers solutions powered by three core technologies: chips, hardware and software. In March, RoboSense won the 2024 Tech.AD award for its M3.

## S

### SafeAD GmbH

**Booth: 6014**

**Web:** [www.safead.de](http://www.safead.de)

SafeAD provides mapping services, including HD maps for simulation and ADAS/AD applications, and perception software, including real-time perception for ADAS/AD and offline/cloud perception for real-to-sim applications. All sensor combinations of camera, lidar and radar are supported.

### Safety Pool Scenario Database

**Booth: 6142**

**Web:** [www.warwick.ac.uk](http://www.warwick.ac.uk)

Safety Pool is the world's largest public library, with more than 270,000 scenarios for automated driving systems testing, validation and certification. Powered by WMG, University of Warwick and Deepen AI, it envisions that the safety of every ADS can be transparently tested, validated and certified through common processes and internationally shared infrastructures.

### SEA Datentechnik GmbH

**Booth: 6610**

**Web:** [www.sea-gmbh.com](http://www.sea-gmbh.com)

SEA provides certified V2X test systems for testing RF (802.11p, C-V2X, 5G -V2X), protocol, signaling level (EU, US, CN) and V2X application behavior. Scalable, modular test systems and SEA software enable customer-specific adaptations and extensions. Test catalogs according to international standards are available.

### SEITech Solutions GmbH

**Booth: 6336**

**Web:** [www.seitech-solutions.com](http://www.seitech-solutions.com)

SEITech Solutions is a global engineering technology company, focusing on embedded software development for automotive, mobility services and Industrial IoT solutions. It provides specialized service lines and customized solutions to support your needs while freeing your development teams from the details and decreasing time-to-market.

### Solectrix GmbH

**Booth: 6626**

**Web:** [www.solectrix.de](http://www.solectrix.de)

Solectrix offers a wide range of products for ADAS/AD development and automotive imaging. From its versatile modular video grabber and playback system proFRAME, used for the validation of ADAS and AD systems, to SXIVE, a comprehensive image processing ecosystem, Solectrix realizes custom-tailored solutions perfectly suited for each application.

### Spirent Communications

**Booth: 6340**

**Web:** [www.spirent.com](http://www.spirent.com)

Spirent testing solutions enable rapid, reliable and cost-effective testing of the automotive tech stack. Spirent's positioning, navigation and timing and ethernet test systems deliver interoperability for growing levels of complexity. Through precision and performance, Spirent enables developers to bring innovations to market faster while ensuring standards conformance and regulatory compliance.

### Splunk Services Germany GmbH

**Booth: 6127**

**Web:** [www.splunk.de](http://www.splunk.de)

Splunk helps make organizations more resilient. Leading organizations use its unified security and observability platform to keep their digital systems secure and reliable. Organizations trust Splunk to prevent security, infrastructure and application issues from becoming major incidents, absorb shocks from digital disruptions, and accelerate transformation.

### STMicroelectronics Application GmbH

**Booth: 6620**

**Web:** [www.st.com](http://www.st.com)

ST is a creator and maker of semiconductor technologies, devices and solutions. ST helps customers and partners address their challenges and opportunities, and the need to support a more sustainable world. STMicroelectronics is committed to scope 1 and 2 carbon neutrality and partial scope 3 by 2027.

### SVA System Vertrieb Alexander GmbH

**Booth: 6127**

**Web:** [www.sva.de](http://www.sva.de)

System Vertrieb Alexander (SVA) is a leading German system integrator with over 3,000 employees. The experts at the automotive big data services competence center support customers on their way to becoming 'data-driven-automotive'. The goal: to create innovative and forward-looking solutions for the automotive industry.

### Synopsis

**Booth: 6304**

**Web:** [www.synopsys.com](http://www.synopsys.com)

Synopsys is key to accelerating your automotive innovation. Safety, security, reliability and quality are paramount in the automotive digital value chain. Whether your teams are designing SoCs, developing multi-die systems, or validating software dependability, Synopsys' design and verification, prototyping, automotive-grade IP and software security solutions help you create smarter cars.

**T**

**TargSim Technology Co. Ltd**

**Booth: 6045**

**Web:** [targsim.com](http://targsim.com)

TargSim is a professional automotive radar testing service provider, dedicated to offering comprehensive radar testing solutions for automotive manufacturers and radar manufacturers. Services include but are not limited to radar performance testing, target detection and tracking testing, angle resolution testing, speed measurement testing, calibration services and simulation.

**Technica Engineering GmbH**

**Booth: 6318**

**Web:** [www.technica-engineering.de](http://www.technica-engineering.de)

Technica is a pioneer in the integration of automotive ethernet and masters automotive networks like no one else. Founded in 2008, in Munich, Germany, Technica has been developing in-vehicle ethernet solutions, guiding customers through the entire product creation process. Technica is a trusted engineering and testing partner for leading OEMs and Tier 1s.

**Teledyne FLIR**

**Booth: 6532**

**Web:** [www.flir.com](http://www.flir.com)

Teledyne FLIR designs, develops, manufactures, markets and distributes technologies that enhance perception and awareness. It brings innovative sensing solutions into daily life through thermal imaging, visible-light imaging, video analytics, measurement and diagnostics and advanced threat detection systems.

**Telus International**

**Booth: 6300**

**Web:** [www.telusinternational.com/aidata](http://www.telusinternational.com/aidata)

Telus International AI Data Solutions fuels the world's leading AI models. It helps ML teams succeed with high-quality, diverse training data sets across modalities, specializing in end-to-end ADAS FOT services from collection and annotation to GenAI data. Telus's technology and global community of experts ensure strategic and human-aligned AI outcomes.

**TrianGraphics GmbH**

**Booth: 6712**

**Web:** [triangraphics.de](http://triangraphics.de)

TrianGraphics specializes in innovative graphics solutions for ADAS and autonomous vehicles, including advanced 3D scene map generation. Its technology enables accurate and realistic virtual simulations for automotive test platforms from real-world or procedurally generated data. Visit the booth to see how TrianGraphics solutions are redefining the automotive graphics and simulation landscape.

**V**

**Vaiva GmbH**

**Booth: 6140**

**Web:** [www.vaiva.io](http://www.vaiva.io)

Vaiva makes mobility safe for everyone – today, tomorrow and in the autonomous future. The mission is to make autonomous driving not only revolutionary, but also safer, reducing the impact of major accidents to almost zero. Vaiva combines software, sensors and years of know-how to redefine vehicle safety.

**Validas AG**

**Booth: 6520**

**Web:** [www.validas.de](http://www.validas.de)

Validas is the world's leading company in qualifying software development tools and libraries. Its goal is to ensure the safety of embedded systems. Through its comprehensive certified classification and qualification process, Validas can guarantee strict adherence to international safety standards such as ISO 26262, IEC 61508, ISO 13849 and DO-330.

**VCarSystem**

**Booth: 6104**

**Web:** [www.vcarsystem.com](http://www.vcarsystem.com)

VCarSystem is committed to the development of an embedded system research and development test toolchain, serving the automotive, education, rail transit and other industries. VCarSystem aims to create a more efficient research and development test platform for customers to help product development.

**Vector Informatik GmbH**

**Booth: 6006**

**Web:** [www.vector.com](http://www.vector.com)

Vector Informatik is the leading manufacturer of software and hardware tools as well as embedded components for the development and test of electronic systems. Whether you develop, verify or test your ADAS/AD applications in a real or virtual environment, Vector offers you the right solution for your challenges.

**Verkehrsunfallforschung an der TU Dresden GmbH (VUFO)**

**Booth: 6027**

**Web:** [www.vufo.de](http://www.vufo.de)

Verkehrsunfallforschung an der TU Dresden GmbH (VUFO) has been leading in the field of accident investigation and research for more than 15 years. It provides real accident and traffic scenarios in OpenDRIVE and OpenSCENARIO formats for the validation and verification of automated driving systems and autonomous driving. Contact Lucas Dulewicz at [lucas.dulewicz@vufo.de](mailto:lucas.dulewicz@vufo.de).

**ViGEM GmbH**

**Booth: 6528**

**Web:** [www.vigem.de](http://www.vigem.de)

As one of the leading providers of high-performance datalogging solutions, ViGEM supports OEMs and Tier 1 suppliers in the development and validation of ADAS functions and AD. The integrated hardware and software systems consist of powerful dataloggers, robust removable data storage devices and fast ingest stations. Project-specific adaptations are possible.

**Vitesco Technologies GmbH**

**Booth: 6444**

**Web:** [www.vitesco-technologies.com](http://www.vitesco-technologies.com)

Vitesco Technologies' aim is to develop innovative, efficient electrification technologies for all types of vehicles. With each and every solution, Vitesco Technologies consistently pursues its mission: powering clean mobility.

**X**

**Xylon**

**Booth: 6310**

**Web:** [www.xylon-lab.com](http://www.xylon-lab.com)

Xylon is a high-tech electronics company focused on the design and customization of flexible automotive datalogging and HIL solutions, IP cores and design services based on programmable FPGA/SoC devices. The company is an expert on native automotive interfaces, simulation environments and direct HIL injections using synthetic and real data.

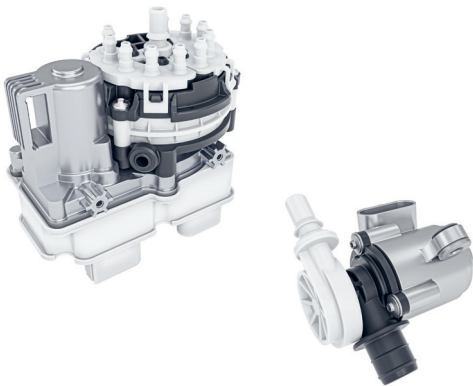




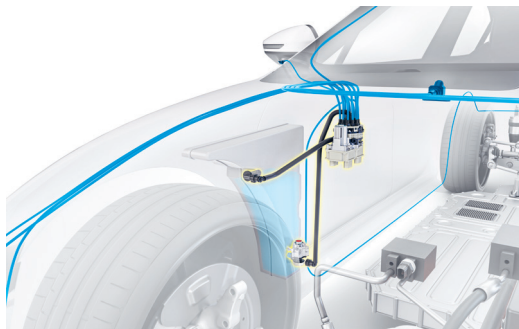
# ADVANCED SENSOR CLEANING SYSTEM

FOR AUTONOMOUS DRIVING

## Component Overview



## Assembled View



The market for autonomous driving vehicles is accelerating and volumes will significantly increase in the coming years.

**In this context, constant sensor availability is crucial, and the need for it increases with the level of autonomy!**

So far, there was no cleaning solution that could handle the number of sensors like cameras or LiDARs needed for fully-autonomous driving – until now.

**Vitesco Technologies' Advanced Sensor Cleaning System is an all-in-one solution** that combines a unique high-performance pump delivering cleaning solutions with a pressure of up to 8 bar with a mechanical distributor that ensures precise spraying through up to 10 individual water outputs.

Developed in partnership with Cebi.



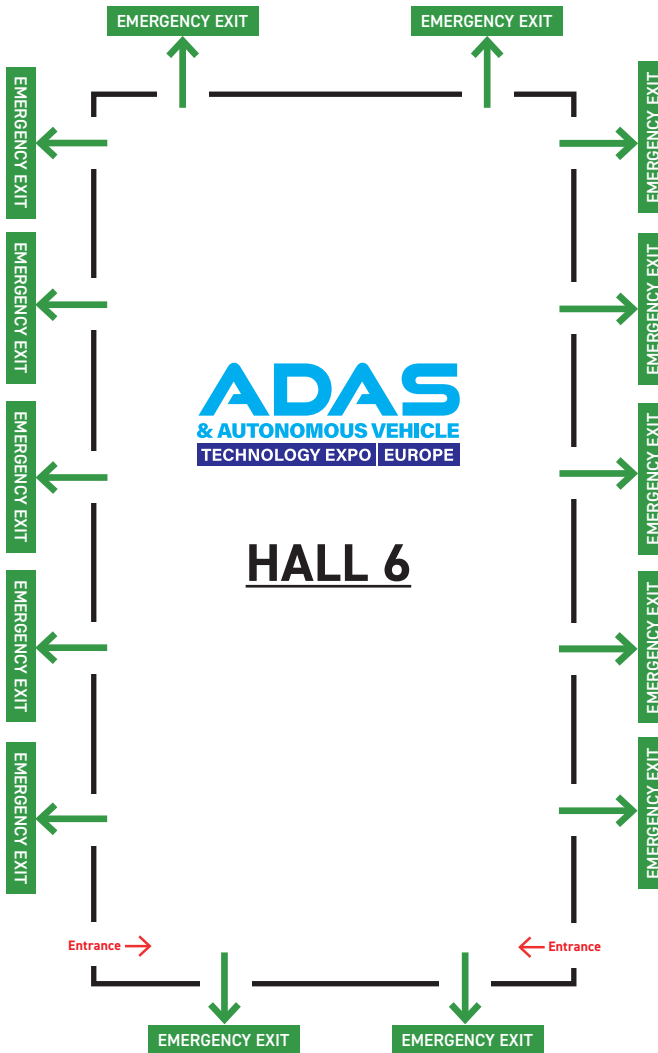
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# EMERGENCY EVACUATION PROCEDURE

## STUTTGART MESSE

### HALL 6



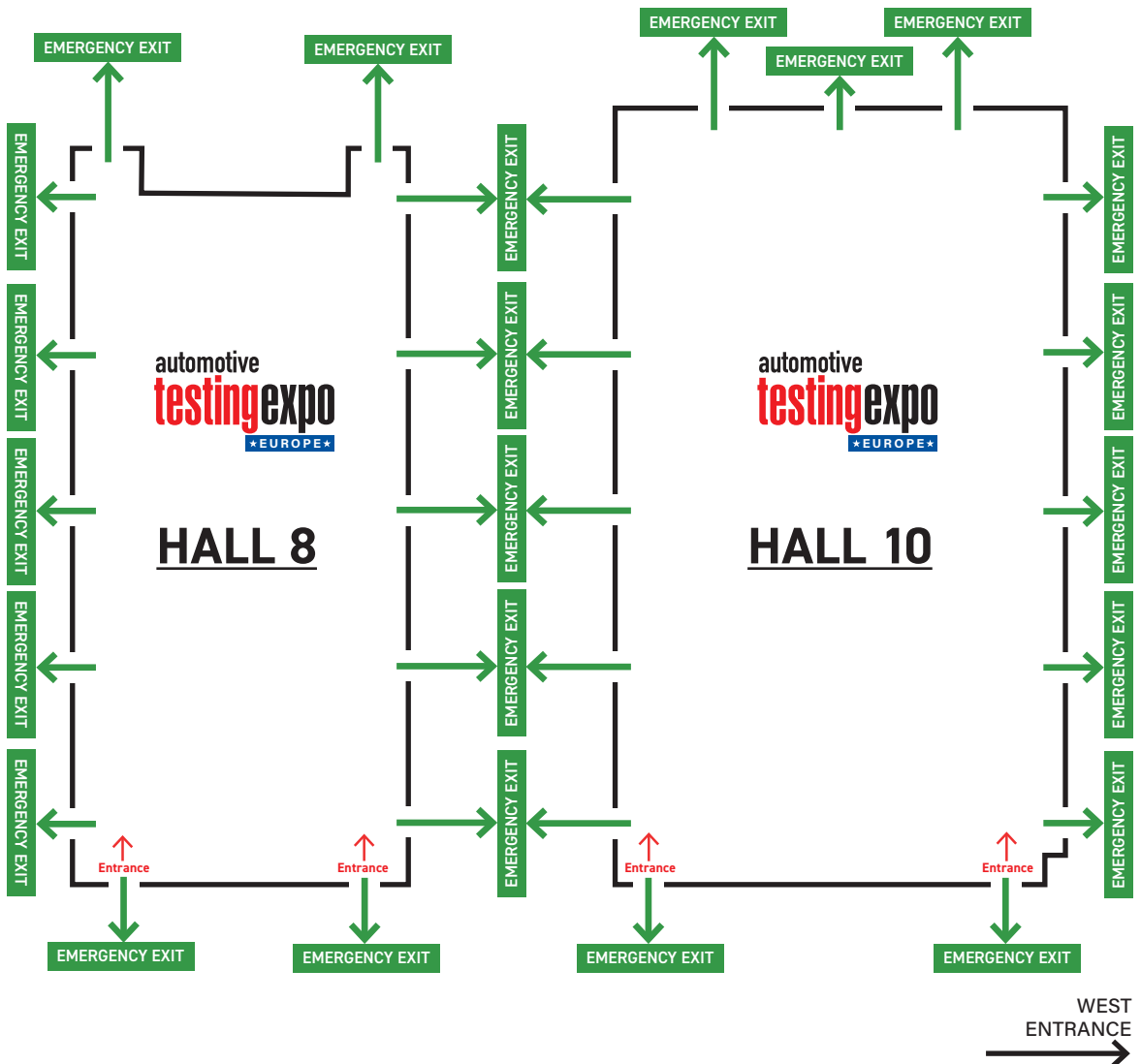
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## HALLS 8 & 10



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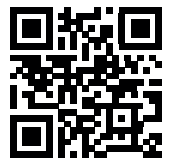
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