**17/18**
**NOVEMBER, 2026**
*STUTTGART* *Kultur-&Kongresszentrum Liederhalle*
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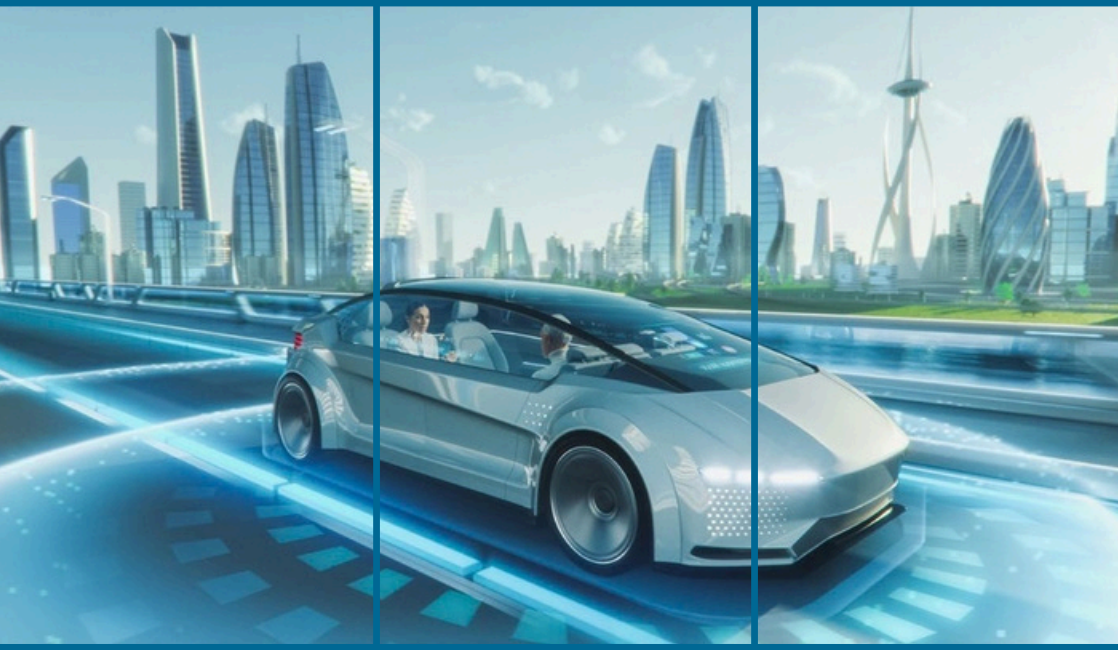
DVN
Sensing & Applications

# DVN AUTOMOTIVE SENSING & AD APPLICATIONS

CONFERENCE & EXPO

***9TH DVN WORKSHOP***

## L2+ AND WHAT MORE:
THE AUTONOMY AGENDA FOR 2030 AND BEYOND



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# DVN AUTOMOTIVE SENSING & AD APPLICATIONS

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## 9TH DVN CONFERENCE "SENSING & AD APPLICATIONS" ON NOVEMBER 17-18, 2026

Dear Friends & Colleagues,

The 9th DVN "**Sensing & AD Applications**" Conference will take place on November 17-18, 2026, in the Stuttgart Area. Since their inception, DVN Sensing & AD Applications Conferences have quickly become the nº1 sensor technology forum to see and hear all about the latest innovations amidst the galloping growth of the automotive AD/ADAS sector.
Aligned with the conference program, we have planned ample time during breaks to visit the exhibition and get into contact with executives, decision makers, experts, potential suppliers, customers.

**OEMs attending our events:**
Mercedes, BMW, Ford, GM, Hyundai Kia Motors, Honda, Nissan, Porsche, Stellantis, Volvo, VW, GWM, Scania. SW Stack providers also appear on the stage like Autoware, Wayve, Torc Robotics.

**NEW this year, the:**
- Special focus on L2+ and Robotaxis/L4 deployment in EU, and discussion on the real demand for 2030 and beyond
- Special session on Dual Use opportunities of Defense and Automotive

**Location:**
We decided to hold the conference in Stuttgart this year to be close to OEMs and AI development hubs.
The conference room will accommodate up to 300 participants. The exhibition area is directly adjacent to the conference room, with space for 20-25 expo booths. The exhibition area will host the cocktail and dinner event on the first day as well as all coffee breaks and lunch breaks.

**They will participate**

NIO · BMW · Mercedes-Benz · MAN · pony.ai · BOSCH · Wideye · MATERION · arbe · spacejump.ai · zenseact · FORVIA · Valeo · mobileye · Ansys · robosense LIDAR · bluewhite · AUMOVIO · HENSOLDT · Infineon · MACOM · NXP · NOVELIC · five · SCRAMBLUX · SL Corporation · YOLE Group · OTTOMETRIC · ROHDE&SCHWARZ · S&P Global Mobility · TERADAR · KEYSIGHT TECHNOLOGIES · TÜVRheinland Precisely Right. · VANJEE · DEKRA · imec · ADAC · adaps · fka · i4Research · Fraunhofer ILT · Technische Universität Braunschweig

# PRELIMINARY PROGRAM
*NOVEMBER 17/18, 2026*

DVN
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**DAY 1 • NOVEMBER 17, 2026**

8:00 am — **REGISTRATION, WELCOME COFFEE & EXHIBITION TOUR**

8:30 am — **WELCOME DAY 1**
**DVN** - Eric Amiot, DVN Sensing & Applications General Editor

**8:40 am** — **SESSION 1 -** *APPLICATIONS-1: FROM ASSISTANCE TO AUTONOMY*

**Chairman:** Jürgen Dickmann, DVN Senior Advisor

**Keynote - Valeo** - Benazouz Bradai, ADAS/NOA/AD Platform Director
- *Next-Generation E2E Autonomous Driving Architectures: : From Rule-Based ADAS to Physical AI for Safe and Scalable Autonomy*

**Keynote - NIO** - Qiwen Xiao, Lead of Quality Management AD
- *ADAS Quality for Europe: One Software Stack, Multi-Market Delivery*

**Keynote - Pony.ai** - Jiazeng Wang, Product Solution Director
- *Driverless taxis - a safer, smarter and more efficient solution*

**Q&A - 1**

**Keynote - MAN** - Leonie Wulf, Head of AI Technologies
- *Beyond the ODD - From Autonomous Driving to Autonomous Transport*

**Arbe** - Ram Machness, CEO
- *Why Scalable Autonomy Starts with Better Perception*

**Spacejump.ai** - Wolfgang Schulz, Co-founder
- *HD Maps for vehicle/robot autonomy*

**Q&A - 2**

10:30 am — **COFFEE BREAK**

**11:00 am** — **SESSION 2 -** *APPLICATIONS-2: SMART ROADS, SMART DEFENSE*

**Chairman:** Jürgen Dickmann, DVN Senior Advisor

**Keynote - Hensoldt** - Felix Bock, Radar AI System Engineer
- *Radar-Based Target Classification Using Micro-Doppler Spectra*

**Keynote - Fraunhofer IESE** - Tobias Braun, Expert Engineer Safety Validation
- *Navigating Complexity: Model-based Safety Engineering for Functional Safety in Defense Applications*

**Keynote - TU Braunschweig** - Niklas Braun, Research Associate
- *Value-based Development for Safety-Critical Systems in Defense Industry*

**Arbe** Kobi Marenko - Co-Founder & President
- *HD Radar: The Multi-Mission Sensor for Defense Applications*

**fiveD** - Michael Stelzig, Managing Director & Co-Founder
- *High-fidelity radar simulation for defence: unlocking synthetic data for sensor development and*

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*AI-based detection*

**Rohde & Schwarz** - Phillip Lölver, Product Manager
• *Beyond Automotive: Radar Testing for Emerging Detection Applications*

**Keynote - FhR Fraunhofer** - Prof. Peter Knott
• *Re-thinking security: innovation for protecting our future*

12:30 pm **Q&A & PANEL 1: HOW AV PLAYERS CAN CONTRIBUTE TO DEFENSE APPLICATIONS**

12:45 pm **LUNCH BREAK & DEMOCARS**

**2:15 pm** **SESSION 3 -** *APPLICATIONS-3: VEHICLE INTEGRATION & PERFORMANCE, MARKET & REGULATION*

**Chairman:** Eric Amiot, DVN Sensing & Applications General Editor

**Keynote - Stellantis** - Karim Yahia, Expert Regulation ADAS, AD
• *From Sensors to Automated Driving: The International Regulatory Perspective*

**Keynote - AGC Wideye** - Raed El-Makhour, Head of Product : Sensors & Head Up Displays &
**BMW** - Jonathan Fisher, R&D Autonomous Driving - Lidar Sensor Technologies
• *Deep Dive into Lidar Windshield integration*

**Keynote - Ilm Institute** - Prof. Dr. Alwin Kienle
• *Autonomous Driving in adverse weather conditions*

**Keynote - I4Research** - Dante Sully, Chief Marketing Officer
• *NOA Performance Tests in China*

**Keynote - Mobility Global** - Michele Richichi, Principal Analyst, ADAAS & Autonomous Driving
• *Global Trends in ADAS & Autonomy impacting EU*

**Yole** - Pierrick Boulay, Principal Analyst - Automotive Semiconductor
• *Sensors Are Becoming a Commodity. Compute Is Where the Power Is*

**DVN** - Jürgen Dickmann, Senior Advisor
• *Radar Market Environment for 230x*

3:40 pm **Q&A & PANEL 2: LIDAR NEXT PERFORMANCE STEPS & INTEGRATION MATURITY**

4:00 pm **COFFEE BREAK**

**4:40 pm** **SESSION 4 -** *CENTRAL ARCHITECTURES, SOCS: BENEFITS IN SENSING AND COST*

**Chairman:** Eric Amiot, DVN Sensing & Applications General Editor

**Keynote - Infineon Technologies** - Juergen Minichshofer, Senior Director Application Marketing Automotive Radar

• *Why the Future of Radar Is Centralized*

**Keynote - NXP Semiconductors** - Anshu Gupta, Marketing Director ADAS

**IMEC** - Peter Vandersteegen, Portfolio Manager Automotive

• *Addressing ADAS System Challenges Through Semiconductor Innovation*

**Valeo** - Mohamed Fadel, Business Dev. Dir, Compute Product Line
• *Scaling Safe & Affordable Autonomy Across Vehicle Segments*

**ADAPS Photonics** - Yirong Wang, Marketing Manager
• *The 22nm Leap: Redefining Solid-State LiDAR and Automotive 3D Sensing*

5:30 pm **Q&A & PANEL 3: THE AUTONOMY AGENDA FOR 2030 & BEYOND**

5:55 pm **DEMOCARS** (Till 7:45 pm)

6:30 pm **COCKTAIL & DINNER**

## DAY 2 • NOVEMBER 18, 2026

8:00 am **REGISTRATION, WELCOME COFFEE & EXHIBITION TOUR**

9:00 am **WELCOME DAY 2**
**DVN** - Eric Amiot, Sensing & Applications General Editor

**9:05 am** **SESSION 5 -** *VISION & RADAR TECHNOLOGIES*

**Chairman:** Eric Amiot, DVN Sensing & Applications General Editor

**Keynote - BMW Group** - Stefan Holzknecht, Senior Expert Radar Strategy & Architecture
• *Centralized Radar Processing: Enabler and Constraints*
*Lidar - an OEM perspective*

**Keynote - TeraDAR** - Gunnar Juergens, SVP of Product
• *Resolution Without Compromise: How Terahertz Imaging Takes Perception Beyond L2+*

**Bosch** - Steffen Marlok, Product Management - Radar Sensors
• *Thinking inside the box - Bringing AI performance in embedded devices*

**Arbe** - Ram Machness, CEO
• *From Detection to Perception: the HD Radar's Role in the AI-Defined Vehicle*
**Forvia Hella** - Sebastian Strunz, Product Management RADAR
• *Bridging the gap - Next gen 4D radars for future architectures*
**Mocom Compounds** - Karolina Guicking, Product Specialist
• *Smart Material Selection for Sensor Component*

**Q&A**

10:25 am **COFFEE BREAK**

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**10:55 am** **SESSION 6 -** *SENSING FOR AUTONOMOUS DRIVING: LIDAR & IR SENSING*

**Chairman:** Eric Amiot, DVN Sensing & Applications General Editor

**Keynote - BMW Group** - Jonathan Fischer, Senior Lidar Expert
- *Lidar - an OEM perspective*

**Keynote - RoboSense** - Felix Yang, Sales Director EMEA
- *Image-Grade 3D Perception: Thousand-Line LiDAR Lifts ADAS Safety to a New Dimension*

**Keynote - Seyond** - Oliver Ramoli, Business Dev. and Manager Key Accounts Automotive
- *The End of the Sensor Race*

*Why Future Vehicle Architectures Will Be Defined by Perception Layers, Not Individual Sensors*

**Keynote - SYLUX** - Richard Seoane, CEO
- *Euro NCAP Perception Resilience for Night and Inclement Weather Safety*

**Aeva** - James Reuther, Chief Engineer
- *Ultimate 4D Lidar Solution with on Sensor Perception*

**Vanjee** - Harmeet Singh, Business Development Analyst
- *How does VanJee LiDAR create spatial modeling for autonormous driving?*

**Valeo** - Ahmed Yousif, System Simulation Senior Expert
- *From Driving Data to Digital Approval: Valeo's Blueprint for Automated Vehicle Validation*

12:25 pm **Q&A & PANEL4: LIDAR OR NOT LIDAR - WILL CHINA STRATEGY TO PUSH FOR L3,4 AND LIDAR BE THE RIGHT ONE?**

12:40 pm **LUNCH BREAK & DEMOCARS**

**2:00 pm** **SESSION 7 -** *E2E / AI SOFTWARE- VALIDATION & TYPE APPROVAL PROCESS*

**Chairman:** Jürgen Dickmann, DVN Senior Advisor

**Keynote - Zenseact** - Jonas Ekmark, Head of Technology and Collaboration
- *E2E control with safety guardrails – considerations when combining data-driven and rule-based designs*

**Keynote - Aumovio** - Christopher Pinke, Technical Product Lead
- *From Data to Approval: Making ODD Measurable in AD Validation*

**Keynote - DEKRA** - Marcello Walz, Head of Digital Trust Services

**Keynote - Martin Fritzsche**, Former Fusion Expert at Mercedes
- *Rethinking Validation for Autonomous Driving: Between Classical Statistics and End-to-End Learning*

**Bosch** - Johannes Schild, Chief Expert Safety & Security
- *Implementing the EU AI Act in Automotive*

**Fraunhofer IESE** - Jan Reich, Department Head Safety Engineering
- *From Sensing to Safety Evidence: Assurance Methods for L2+/L4 Autonomous Systems*

**SMARQ AI** - Plato Pathrose, Founder, SMARQ AI / Ex-Vinfast CTO / Industry Expert & Author
- *Applying AI sensibly in Automotive Product Development*

3:10 pm **Q&A & PANEL 5: SAFE E2E SYSTEMS- THE RIGHT PATH TO SECURE SAFETY PERFORMANCE AND TIME TO MARKET**

3:30 pm **COFFEE BREAK**

**4:00 pm** **SESSION 8 -** *TESTING & SIMULATION*

**Chairman:** Jürgen Dickmann, DVN Senior Advisor

**Keynote - ADAC** - Andreas Rigling, Manager, Active Vehicle Safety Test Center
- *Testing ADAS Systems under Adverse Weather Conditions*

**Keynote - Ansys for Synopsys** - Benoit Heraud & Killian Hutchinson, Application Engineers
- *Credible Assessment of High-quality Synthetic Camera Sensor Data: Validation and Modeling Across Laboratory and Real-world Scenarios*

**Fka Gmbh** - Amogh Sakpal, Co-Lead Development of Standardized Testing for LiDAR
- *Sensor testing developments at fka in 2026*

**Scramblux** - Andreas Aschinger, Senior R&D Engineer
- *The BeamScrambler SXI - Compact Lidar Characterization Without a Test Track*

**rProcess** - Emil Näpflein, Chief Product Architect
- *Ground Truth Integrity in Multimodal ADAS*

**Byk-G/Perisens** - Dr. Florian Pfeiffer
- *Why Coatings Become a Safety-Critical Factor*

**Keysight** - Sven Leitsch, SDV R&D Manager, Chief Product Architect
- *Trusting Your Radar Simulation - Measuring the Real-World Gap*

**Q&A**

5:20 pm **END OF THE CONFERENCE**

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