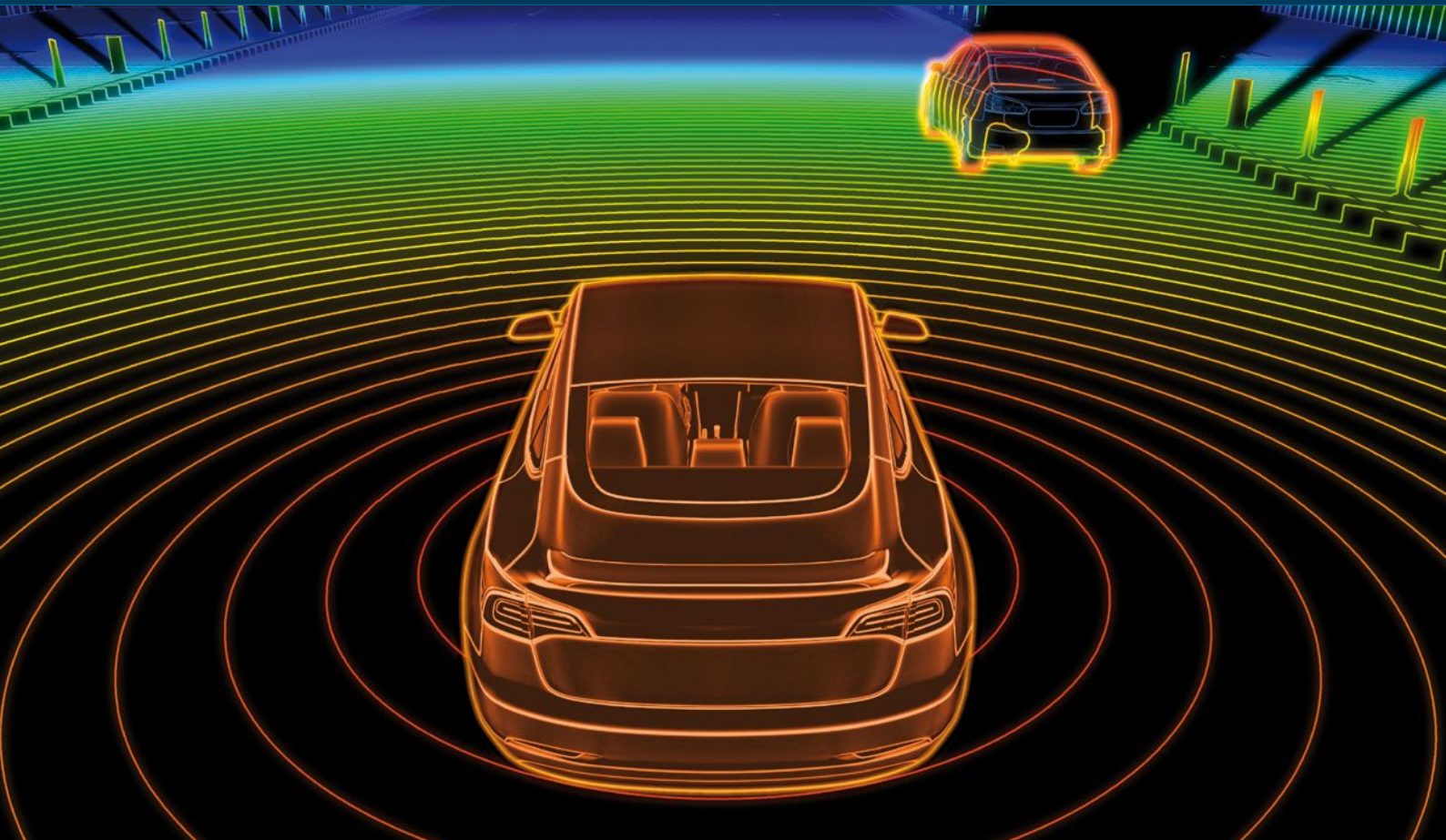**18-19 NOV 2024**
FRANKFURT

DVN
Lidar

7TH DVN AUTOMOTIVE LIDAR & IR CONFERENCE & EXPO

"2025 - Enable Safe L2+ / L3 Driving"

DORINT HOTEL PALLAS WIESBADEN, FRANKFURT AREA

Sponsors:

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7TH DVN CONFERENCE ON AUTOMOTIVE LIDAR ON NOVEMBER 18-19, 2024 FRANKFURT AREA

Dear Friends & Colleagues,

The 7th DVN Lidar Conference will take place on November 18-19, 2024, in the Frankfurt Area. Since their inception, DVN Lidar Conferences have quickly become the must-go techni- cal congress to see and hear all about the latest innovations amidst the galloping growth of the automotive lidar 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 and peers.

OEMs: we expect participation from BMW, Ford, GM, Hyundai Kia Motors, Honda, Lynk & Co, Mercedes, Nissan, Porsche, Stellantis, Volvo, Zeekr, Zoox, Torc Robotics, Scania, Iveco.

NEW: this year there will be:
More slots for ride & drives, after the success of last year. 5 test vehicles will be available with long/short range lidars including 905/1550nm technologies, or with cutting-edge fusion perception Software

Like last year, the conference will be held at the Dorint Pallas Hotel in Wiesbaden (about 30 minutes from Frankfurt airport or Frankfurt main railway station by train or taxi).

The conference room can accommodate up to 400 participants. The exhibition area is directly adjacent to the conference room, with space for 20-25 expo booths. As last year, the exhibition area will host the cocktail event on the first day as well as all coffee breaks and lunch breaks. The conference dinner on the first will be served in a round table seating in the conference room.

DVN members registration:
• 2 free tickets for Basic/Gold members
• Additional tickets @ 950€ fee for Basic/Gold members

Non DVN Members:
• Entry fee @ 1.800 €
• Special discount for OEMs, contact us
• Discount for 3 tickets or more @ 1.200€ fee

Room booking:
Dorint Hotel Pallas Wiesbaden
144.00€ including breakfast
Room booking with the keywords
"DRIVING VISION DVN 2024"
Via reservierung.wiesbaden@dorint.com

EXHIBITION RATES

BOOTHS	SHELL	BUSINESS	PREMIUM
RATES (exc. 20% VAT) in Euros	**4.900**	**7.900**	**10.500**
Includes free invitations	x 2	x 3	x 4
First speaker in selected session	No	No	Yes
Company Logo on sponsors announcements	Yes	Yes	Yes
Company logo on program,and event booklet	Yes	Yes	Yes
Full A4 company advertising page in event booklet	Yes	Yes	Yes
Booth size	2m X 2m = 4m²	4m X 2,5m = 10m²	6m X 2,5m = 15m²
EXHIBITION RATE - DEMO-VEHICLE (MAX 4)		**3.000 €**	

AGENDA: 7TH DVN CONFERENCE ON AUTOMOTIVE LIDAR

Sessions: Applications; Ecosystem; Technology; AV sensors & Fusion

DAY 1
MONDAY, 18 NOVEMBER
Lidar Applications; Ecosystem

11:20-12:45 REGISTRATION AND LIGHT WELCOME LUNCH

TEST Democars:
Robosense, Seyond, Valeo, Vueron, Cepton

12:45-14:10 **OPENING the Conference**
(Eric Amiot – Head of DVN Lidar)

Introduction of the exhibitors
(2min pitch)

KEYNOTE 1:
FORD - Peter Zegelaar / LiDAR's essential role in highway automated driving

KEYNOTE 2:
VALEO - Antoine Lafay / AV Sensors & AI for a safe L2+/L3 driving

14:10-15:00 **SESSION 1 • LIDAR APPLICATIONS 1**

MERCEDES/VALEO - Konstantin Fichtner, Clement Nouvel - Insight Mercedes-Benz: Drive Pilot

HYUNDAI MOTORS - Youhoon Park, K.C.Kweon - A Research on Lidar behind the Windshield in Autonomous Mobilities & Need for Reliability Verification of Opto-electronic Semiconductor Devices for LiDAR sensors

Wideye by AGC - Raed El Makhour - Lidar integration scenarios and challenges: Way beyond a "Plug & Play" approach

Q&A

15:00-15:20 COFFEE BREAK-1 + TEST DEMOCARS

15:20-16:25 **SESSION 2 • LIDAR APPLICATIONS 2**

CONTINENTAL - Wolfgang Schultz - Multi-Modal Rare Events Detection for SAE L2+ to L4

FRAUNHOFER ILT - Arnold Gillner - Integrated Headlight with LiDAR and Radar Sensors

CEPTON /KOITO - Henri Haefner, Sakurai Kazutoschi - Safe and autonomous transportation for everyone - Upcoming regulation & consumer ratings as driver for lidar adoption

GRVA/UNECE - Francois Guichard - Update on international regulatory activities for ADAS/ADS and outlook

Q&A

16:25-16:40 COFFEE BREAK-2

16:40-17:45 **SESSION 3 • LIDAR ECOSYSTEM**

SCHOTT - Maximilian Glanzer, Sandra von Fintel - Schott BOROFLOAT® - Pioneering the future of autonomous driving

DEXERIALS - Ryosuke Endo - Nanotechnology-Enhanced Anti-fogging and Anti-Reflection Solution

YOLE Group - Pierrick Boulay - The LiDAR Frontier: Exploring Supply Chain, Market, and Trends

Fka GmbH - Amogh Sapkal - Overview of Lidar standardization Activities

Q&A

17:45-18:10 **DISCUSSION PANEL I**
A safe L2+/L3 driving and an affordable Lidar as key factors for Lidar Growth

18:10-20:00 SOCIAL COCKTAIL + TEST DEMOCARS

20:00 **WELCOME DINNER**
(Conference Room)

DVN
Lidar

AGENDA: 7TH DVN CONFERENCE ON AUTOMOTIVE LIDAR

Sessions: Applications; Ecosystem; Technology; AV sensors & Fusion

DAY 2
TUESDAY, 19 NOVEMBER:
Lidar Technology; AV Sensors & Fusion

08:25 **Opening Day2**

08:30-09:00 **KEYNOTE 3:**
ROBOSENSE - Felix Yang - Driving into the Future: Innovations and Prospects in Automotive LiDAR Technology

09:00-10:00 SESSION 4 • LIDAR TECHNOLOGY 1 / SENSORS

SEYOND - Leilei Shinohara - High-Performance Mid-Range Near-Field LiDAR Sensors for ADAS & AD

HESAI - Tilman Gasche - Size Matters: Improving Lidar Integration and Scaling Mass Production

INNOVIZ - Nir Goren - Beyond the Basics: Lidar Key Performance Indicators (KPIs)

Q&A

10:00-10:50 COFFEE BREAK 1 + TEST DEMOCARS

10:50-12:00 SESSION 5 • LIDAR TECHNOLOGY 2 / MEASUREMENT & VALIDATIONS

TRIOPTICS - Dirk Seebaum - Tailor-made optical alignment solutions: Bridging the gap from custom LiDAR design to mass production

SCRAMBLUX - Mirvais Yousefi - Dynamic 4D LiDAR testing to accomplish comprehensive sensor fusion qualification

KONRAD - Urban Claus (title tbc)

DEKRA - Uwe Burkhardt - Tool Chain for ADAS/AD Validation

Q&A

12:00-13:45 LUNCH & NETWORKING + TEST DEMOCARS

13:45-14:50 SESSION 6 • LIDAR COMPONENTS

ams OSRAM - Clemens Hofmann-Next Gen EEL: improving efficiency and heat management in LiDAR Sensors using 5-junction technology

Suna Optoelectronics - Laurent Lengignon - Silicon cap solutions to achieve low loop ESL for high performance & miniaturized Lidar application

RENESAS - Leonard Germic-Rethinking LiDAR Technology: Cost-Effective System Integration with enhanced Safety Features

ANSYS-OnSemi - David Auger, Colin Barry - Simulating LiDAR receiver SPAD response using Speos workflow

Q&A

14:50-15:55 SESSION 7 • NEW TECHNOLOGIES

PERSIVAL - Christoph Popp - Towards Credible Lidar Sensor Simulation in Challenging Environmental Conditions

VOYANT - Chris Phare - FMCW Lidar using photonic integrated circuits

SCANTINEL - Stanislav Aksarin - FMCW LiDAR detection performance in adverse weather conditions enables SAE L5

VANJEE - Zhai Zhao - How will VanJee LiDAR+C-V2X Solution Create Vehicles with Utmost Safety?

Q&A

16:05-16:30 **DISCUSSION PANEL II**
Key factors for low cost lidars (specs, sensors, components), competition with HD Radars

16:30-16:40 CLOSURE (PROGRAM DVN 2025)

16:40-17:40 **TEST democars**