

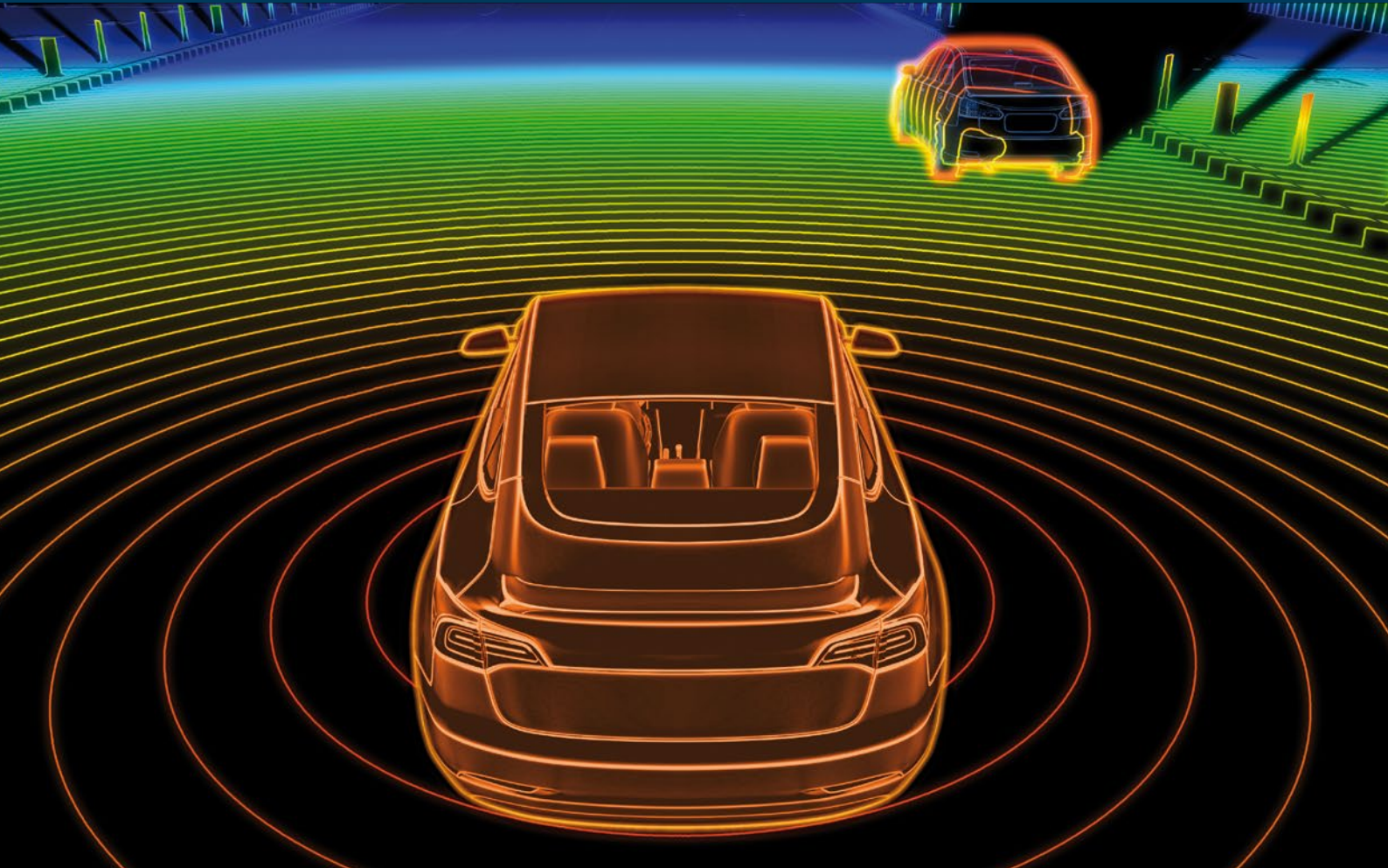
12-13
SEPT.
2022
FRANKFURT

DVN
Lidar

WORKSHOP

DEEP DIVE: OEM VIEW ON LIDAR, LIDAR INTERFERENCE, EMITTERS, DETECTORS

- THE DORINT HOTEL MAIN-TAUNUS CENTER, FRANKFURT-SULZBACH -



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LIDAR / scan your world

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Kotto

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Great Wall Motors

HOZON
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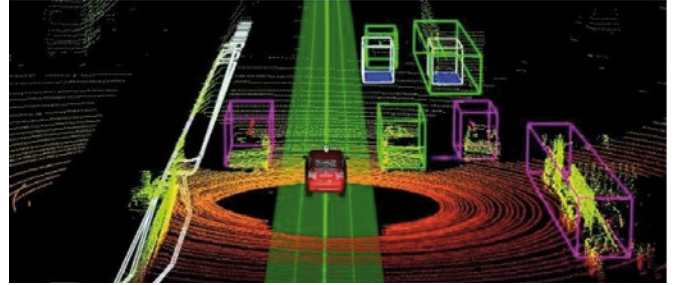
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The DVN Team is glad to organise our first Lidar Workshop. In this Workshop we will deep dive in four topics presented by lidar community members. This workshop will take place on September 12/13, exclusively for our lidar community members and potential new members.

FIRST DVN LIDAR WORKSHOP: A DEEP DIVE IN FOUR TOPICS

The location for the event will again be the well-known: **Dorint Hotel Frankfurt-Sulzbach.**

This WORKSHOP will be executed as a hybrid event due to the circumstances of the pandemic. We encourage life participation as much as possible, and those who are unable to travel can join us in on line mode. Please find the technical instructions about online participation below.



AGENDA

Please find below the detailed agenda of our workshop:

12.09.2022

- 18:30 Welcome of Life Participants
- 19:00 Cocktail
- 20:00 Dinner

13.09.2022

- 8:30 Opening and introduction of participants
- 9:00 Deep Dive #1 Presentation including key question (s) to the workshop group / P. Zegelaar, Ford Motor Company
Theme: The role of lidar sensors in the (partially) automated driving stack
- 9:30 Deep Dive #2 Presentation including key question (s) to the workshop group / T. Luce, Microvision
Theme: Lidar Interference
- 10:00 COFFEE BREAK
- 10:30 Four Break-Out groups, each group 2 questions
- 11:30 Reporting of Break-Out Groups and discussion
- 12:15 LUNCH BREAK
- 13:30 Deep Dive #3 Presentation including key question (s) to the workshop group / C. Hofmann, AMS Osram
Theme: "Emitters"
- 14:00 Deep Dive #4 Presentation including key question (s) to the workshop group / J. Ruskowski, Fraunhofer IMS
Theme: "Detectors"
- 14:30 Four Break-Out groups, each group 2 questions
- 15:30 COFFEE BREAK
- 16:00 Reporting of Break-Out groups and discussion
- 16:30 What did we learn together?
- 17:00 Closure

Organised and moderated by DVN: Alain Servel (AS), Hector Fratty (HF), Leo Metzemaekers (LM), Ralf Schäfer (RS)

DVN TEAM



Since 1992, **Alain Servel** has been a Research and Innovation Engineer at PSA Peugeot Citroën, in the area of Autonomous Driving Assist and Cooperative Intelligent Transport Systems. In this position, he has been directly involved in the developments of several innovations and ADAS applications like Distance Alert, Adaptive Cruise Control or Lane Change Assist. Since 2000's he was recognised internally and externally as an Expert on ADAS sensors, with a particular experience and knowledge on automotive Radars and Lidars. He has been also acting for PSA groupe in different European or national projects like RESPONSE, ADASE 2, UDC, PREVENT, DRIVE-C2X, ARPOD, RASSUR79, and in standardisation organisations like ETSI-ITS or ISO TC204. Since 2019 he is acting as consultant for several research institutes and for DVN.



After graduating Delft Technical University in the Netherlands **Leo Metzemaekers** worked 29 years at Royal Philips (including 2 years at Lumileds). During that time he gathered a mixed experience of 19 years in the Automotive Industry (Lighting and Optical Storage) and 10 years in the Consumer Electronics Industry. During his professional career at Royal Philips, he lived and worked in various countries: Netherlands, Austria, Germany and USA, for global assignments in Product Development, Sales & Marketing, Strategy & Business Development and General Management. Since October 2016 he works as an independent Advisor in Automotive Sales & Marketing, Strategy, and Business Development. Leo is also DVN Senior Consultant and one of the organisers of the DVN Lidar Conference.



Geoffrey Lebrun has a long-standing experience in Finance. He started his career in Private Equity specialized in infrastructure & renewable energy and then shifted to the advisory world, to join Capstone Finance a M&A firm based in Paris. Geoffrey joined the DVN team in 2021, and he will oversee the Operation and the development of all future DVN events.



Ralf Schäfer, born in 1950, received his Ph. D. in Physics from the University of Münster, Germany in 1976 based on his research on super conductivity. He joined Philips Research Labs in Aachen, Germany in 1977 gathering experience on halogen and HID light sources. Ralf became Head of Xenon Development within Philips Automotive Lighting in 1990 with the task to introduce this new technology to the market based in the Aachen facilities. Following positions have been Global Headlighting Development Manager of Philips Automotive Lighting. Ralf became Vice President for OEM marketing of Philips Automotive Lighting with the task to balance LED technologies versus conventional light sources. He retired December 1st 2011 from his duties and since then works as a free-lance consultant. Ralf is DVN Senior Consultant and one of the organisers of the DVN Lidar Conference.



Hector Fratty's entire career has been in vehicle lighting. From 1995 to 2006, he was Valeo Lighting Systems' chief of R&D, managing a staff of 650 engineers and technicians and a budget of over €70m. His level of expertise in lighting gained him recognition as one of Valeo's 5 Master Experts. He headed the Valeo Lighting Expert Committee through March 2008. Hector Fratty presides over the biennial VISION Congress international vehicle lighting and driver assistance symposium and is also a member of the ISAL steering committee. He founded and is now Managing Director of Driving Vision News (DVN), the vehicle lighting, ADAS and car smart interior industry's journal of record, dedicated to keeping the involved community informed and communicating about the latest progress and developments.

THIS EVENT WILL BE HELD BOTH LIVE AND ONLINE

This event will be held both live and online.

We will be using Zoom to host our online conference. The conference will be divided into 2 parts:
(i) Plenary
(ii) Working Groups



You can join this conference by using this link



ROOM BOOKING DORINT HOTEL

The location for the event will again be the well-known:

Dorint Hotel Frankfurt-Sulzbach

Main-Taunus-Zentrum 1, 65843 Frankfurt-Sulzbach
Tel. +49 6196 7630 • e-mail: info.frankfurt@dorint.com

In case of participation "in person", please take care yourself for hotel room reservations and mention "DVN Lidar Workshop" to get a preferred rate!

For more information, please contact:

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