

SAVE THE DATE

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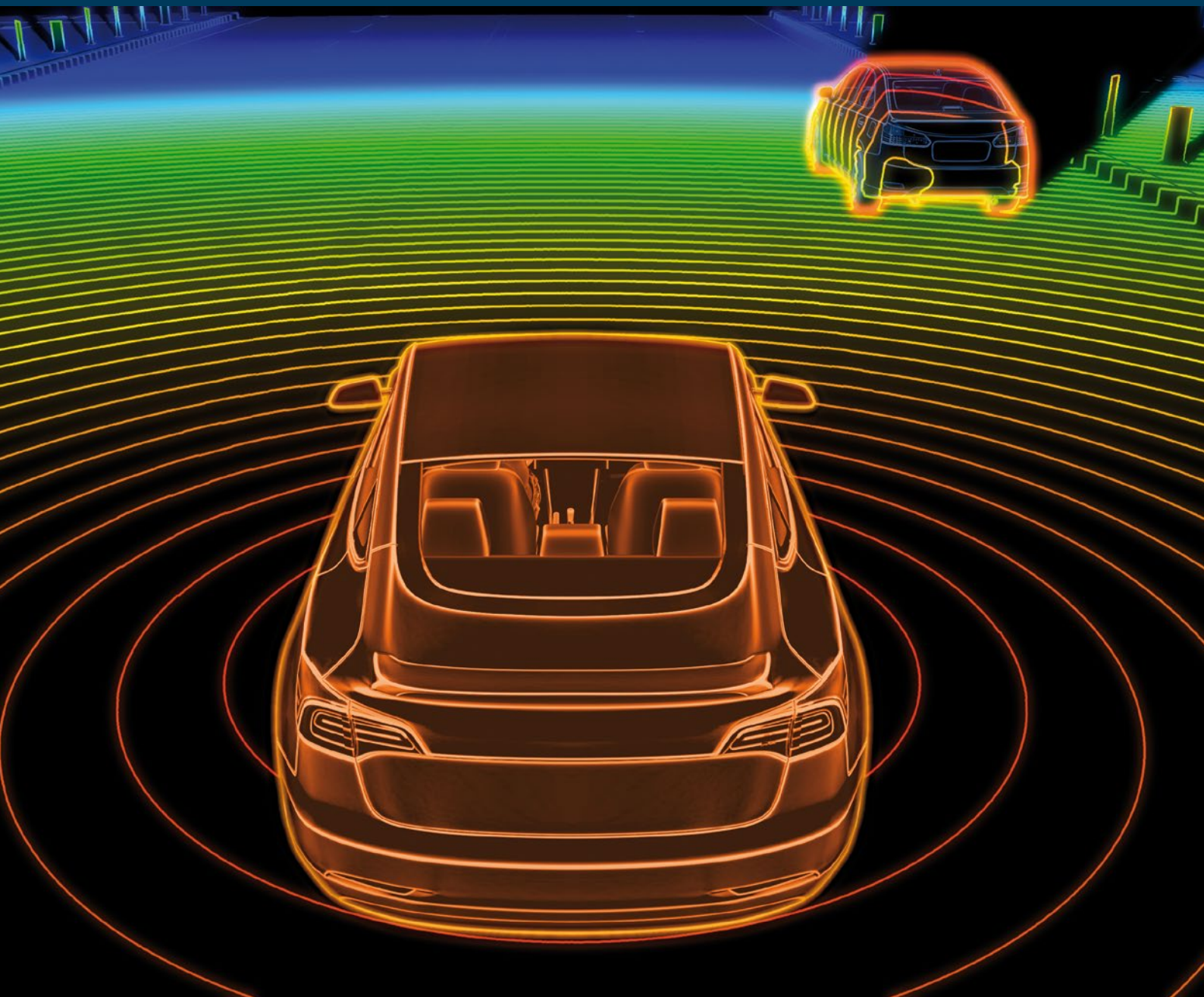
NOV.

  
DrivingVisionNews.com  
Automotive lighting, driver assistance and smart interior

# DVN AUTOMOTIVE LIDAR VIRTUAL CONFERENCE & EXPO

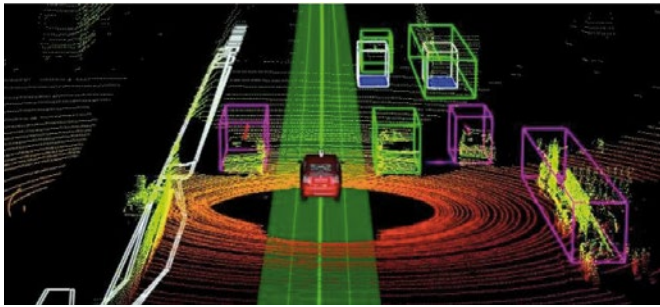
“APPLICATIONS, TECHNOLOGY, COMPONENTS, MARKETVIEWS”

ONLINE CONFERENCE & VIRTUAL EXHIBITION BOOTHS



**Due to the social distancing and traveling restrictions still prevailing in most countries, this third DVN lidar conference will take place on the DVN Virtual Platform on November 17, 2020, and the conference video recordings will remain available during a full week**

### DVN THIRD CONFERENCE IN AUTOMOTIVE LIDAR



This is the third Driving Vision News conference covering LiDAR applications, technology, components, and market views. This conference will facilitate reciprocal access, communication, and business opportunities for stake-holders in LiDAR and vehicle industry, and contribute strengthening the new ecosystem for LiDAR and automotive integration.

This online event will gather over 300 top worldwide experts in automotive LiDAR and lighting from over 100

different companies, from Europe, Japan, Korea, China, Canada and the US.

25 Lectures will express the different views about LiDAR Applications and Integration from automakers: Audi, Volvo, PSA, Great Wall Motors; from LiDAR suppliers: Cepton, Continental, Ouster, Fraunhofer, Ibeo, Jenoptik, Luminar, Valeo Lidar, Velodyne Lidar, Xenomatix; from lighting suppliers: Osram, Marelli, Koito, Valeo, and ZKW; and a variety of tier-2 component or service suppliers involved in automotive LiDAR.

Virtual booths will present the newest and most innovative lidar based automotive technologies and their integration process into cars their exhibitors product and service offers through different media : video, photo gallery, brochures, texts.

**This Virtual Event is the best platform for networking and to create exposure for your company.**

## EXHIBITION RATES

	GOLDEN BOOTH	PARTNER BOOTH
<b>RATES (exc. 20% VAT) in Euros</b>	1 500	2 500
Includes free invitations	x2	x3
First speaker in selected session	No	Yes
Company Logo on sponsors announcements	Yes	Yes
Includes company presentation video and Photo Gallery*	Yes	Yes
Includes company video running during conference breaks	No	Yes

\*see next page

For start-up companies and partnerships, please contact Salomon Berner for special conditions (see contact below).

#### Registration online at:

<https://www.drivingvisionnews.com/boutique/lidar/2020-lidar-conference/>

#### Entry fee for conference:

200 Euros/person (early bird rate,  
250 Euros after 31/09)

#### For detailed information on exhibition booths opportunities, please contact:

Salomon Berner  
 Email: [sberner@drivingvisionnews.com](mailto:sberner@drivingvisionnews.com)  
 Mob: +33 607640502

**Welcome onto the Third lidar Virtual Conference & Expo Platform!**

The following picture shows what your company virtual booth will look like on the event online platform once the content of your organization's page will be uploaded. You can enhance your exposure at the 2020 **DVN Lidar event** with texts, a photo gallery, your company contact information, and even a short presentation video. If you decide for a Partner booth, you become a sponsor of the event, your video will run during the virtual coffee breaks between the different sessions of the conference and you will be given a premium time slot for your conference presentation. **The virtual Expo will be accessible during a full week after the event, as well as the conference video recordings.**

Short Description →



Eyesight Technologies is a leader in computer vision AI, focusing on in-cabin sensing solutions for the automotive industry.

The company offers three main solutions: Driver Sense – driver monitoring system, Cabin Sense – occupancy & interior monitoring system, and Fleet Sense – a driver monitoring aftermarket solution for fleets.

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← Contact Information




← Brochure


Video →






← Photo Gallery

Company representatives →




**Our Representatives**

- 




**Liat Rostock**  
VP Marketing  
Eyesight Technologies

 Exhibition 
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**David Tolub**  
CEO  
Eyesight Technologies

 Exhibition 
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**Israel Ronn**  
VP Aftermarket  
Eyesight Technologies

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**Rony Greenberg**  
VP Business Development  
Eyesight Technologies

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**Ruben Kragten**  
Director Bus. Dev. & Sales  
Eyesight Technologies

 Exhibition 
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**Tal Krzypow**  
VP Product  
Eyesight Technologies

 Exhibition 

**Eyesight Technologies develops market-leading Driver and Occupancy Monitoring Systems for the in-car environment.**

Our proprietary technology uses edge-based Computer Vision and Artificial Intelligence (AI) to create safer and better driving experiences. Dozens of patents and over a decade of research and development stand behind our advanced sensing solutions.

**Our solutions:**

**DRIVER SENSE**

Driver Sense is our Driver Monitoring System (DMS), focusing on the driver and her/his state. The system tracks the driver's eyes, eyelids, pupils, head, and gaze to determine alertness, detect drowsiness and distraction. Advanced features include recognition of enrolled drivers and detection of actions (such as wearing a seatbelt and holding a cellphone). Driver Sense works in all lighting conditions, through occlusions such as sunglasses and face masks and more. Driver Sense was designed to support various operating systems and camera locations in the car.

Driver Sense is also offered pre-integrated on an ADAS chip. The joint offering saves both integration costs and the need for a DMS-dedicated chip. Moreover, the upcoming fusion of the ADAS and DMS data enables safer vehicles with capabilities such as contextual road awareness – the ADAS identifies road users while Driver Sense verifies the driver is looking in their direction.

Driver Sense software can be either licensed as standalone software or paired with an IR camera by one of our partners.

**FLEET SENSE**

Fleet Sense is our Driver Monitoring Solution for telematics system providers and fleets. As an aftermarket solution, Fleet Sense was designed to detect driver fatigue, distractions, and actions, enabling life-saving alerts in real-time. The solution reports the driver's state (attentive, drowsy, distracted, asleep, etc.), their actions (smoking, holding a phone, wearing a seatbelt), and identification of enrolled drivers.

**CABIN SENSE**

Cabin Sense is our Occupancy and Interior Monitoring Solution (OMS) for the in-car environment. This solution was designed to enhance passenger safety and in-cabin experience, powering adaptive safety features, and customized cabin entertainment options. Cabin Sense can detect seat occupancy, child seat, seatbelt, passenger identification, and Object left behind. Cabin Sense is a software solution, offering an API that can be integrated together with the customer's selected in-cabin camera sensor.

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# AGENDA

## 3<sup>RD</sup> DVN CONFERENCE ON AUTOMOTIVE LIDAR

THEME: APPLICATIONS, TECHNOLOGY, COMPONENTS, MARKET VIEWS

**TUESDAY NOVEMBER 17, 2020 ---- CET TIME (Central European Time---GMT +1)**

- 08:00 **Opening of conference**, Hector Fratty DVN CEO
- ▶ 08:15 **Key note speech**
- Dr. Gunnar Juergens, VP Head of LiDAR Segment, Continental Advanced LIDAR Solutions US, LLC  
"LiDAR technology is entering the automotive mainstream".
- ▶ 08:35 - 09:50 **SESSION 1 - AUTOMOTIVE LIDAR APPLICATIONS (PART 1), CHAIRMAN LEO METZEMAEKERS, DVN**
- Volvo, Paul Henri Matha, Lighting Expert at Volvo  
"Sensor integration stakes on future Volvo platform"
  - PSA, Matthieu Dabek and Guillaume Point, ADAS Research & Innovation  
"How LIDAR can contribute to the challenges of highly automated driving"
  - Audi, Wolfgang Huhn, Head of Lighting innovation  
"About new V2X Applications"
  - Great Wall Motors & Liangdao, Dr. Yang Ji, Managing Director Liangdao  
"From prototype to serial, automotive LiDAR on Chinese market with Great Wall Motors"
  - **Q&A session 1**
- ▶ 09:50 - 10:50 **SESSION 2 - AUTOMOTIVE LIDAR APPLICATIONS (PART 2), CHAIRMAN STEPHAN BERLITZ, AUDI**
- Marelli Automotive Lighting Thomas Fröhlich, Senior Director Business Development and Product Management ADAS  
"LiDAR Modularity for maximum reusability and autonomy scalability"
  - Koito Teruaki Torii, Research of Ghost Imaging for Automotive Remote Sensing  
"Concept of Ghost imaging LiDAR"
  - ZKW Georg Pitterle, Project Manager - Autonomous Driving  
"Project Dragonfly- Advanced Sight with LiDAR and Light"
  - **Q&A session 2**
- 10:50 - 11:10 BREAK
- ▶ 11:10 - 12:25 **SESSION 3 - AUTOMOTIVE LIDAR COMPONENTS (PART 1), CHAIRMAN FRANÇOIS SIMOENS FROM LETI**
- Osram OS Stefan Mergl, Senior Application Engineer LIDAR  
"Enhancement of LIDAR systems performance by using optimized Laser package performance"
  - DIOPTIC, Dr. Niklas Andermahr, Head of Custom Inspection Systems  
"Quality inspection challenges for Lidar optics"
  - OQmented Dr. Ulrich Hofmann, Founder & CEO  
"Bubble-MEMS Technology: Enabling LiDAR sensors with 180 degree Field of View"
  - Covestro, Rainer Hagen, Global Technology Development  
"Sensor Transparent Applications With Covestro Polycarbonates"
  - **Q&A session 3**
- 12:25 - 13:30 LUNCH BREAK, NETWORKING, VIRTUAL BOOTHS

## AGENDA

- ▶ 13:30 - 14:45 **SESSION 4 - AUTOMOTIVE LIDAR COMPONENTS (PART 2), CHAIRMAN FRANÇOIS SIMOENS FROM LETI**
- Lumentum Thomas Sommer, Sales Manager EMEA  
"How can the latest generation of high power VCSEL chips address the challenges of automotive LiDAR systems?"
  - Jenoptik Dr. Hagen Schweitzer, Senior Manager Optical Design  
"Cost efficient hybride LIDAR receiver & transmitter lenses"
  - Fraunhofer IMS Dr. Jennifer Ruskowski, Head of 3D Sensors  
"D-CSPAD-arrays and the latest on LiDAR-over-the-air testing"
  - Ansys, Benoît Heraud, Application Engineer  
"Lidar performance validation through physics-based simulation"
  - **Q&A session 4**
- ▶ 14:45 - 16:00 **SESSION 5 - AUTOMOTIVE LIDAR TECHNOLOGY (PART 1), CHAIRMAN DR. RALF SCHÄFER, DVN**
- Ouster Raffi Mardirosian, Vice President Corporate Development  
"Moving beyond Level 2 ADAS with Digital Lidar"
  - Valeo Dr. Hassan Moussa, Head of R&D Global LiDAR  
"Challenges of bringing a Level 3 automation with LiDAR as key contributor to market technology consolidation"
  - IBEO Mario Brumm, COO  
"Solid State LiDAR technology: from idea to product launch"
  - Leddartech, Frantz Saintelley, President and COO  
"Understanding the role raw data Perception and fusion for safer ADAS and AD"
  - **Q&A session 5**
- 16:00 - 16:10 BREAK
- ▶ 16:10 - 17:10 **SESSION 6 - AUTOMOTIVE LIDAR TECHNOLOGY (PART 2), CHAIRMAN THOMAS FRÖHLICH, MARELLI**
- Cepton Mitch Hourtienne, Senior Director of Business Development  
"ADAS lidar integration with Tier 1 collaboration"
  - Xenomatix Filip Geuens, CEO  
"How to integrate solid state Lidar in (head) lights"
  - Innoviz Anna Michlin, Product Manager  
"Innoviz's Perception Software for Autonomous Driving"
  - **Q&A session 6**
- 17:10 - 17:25 BREAK
- 17:25 - 18:00 **SESSION 7 - MARKET VIEWS, CHAIRMAN LEO METZEMAEKERS, DVN**
- ▶ 17:25 - 17:45 **Key note speech**  
Dr. Mircea Gradu, SVP Velodyne Lidar, SAE international 2018 President, Fisita Council  
"Pedestrian Safety Focussed Highly Innovative ADAS Perception Solutions and Validation Aspects"
- 17:45 - 18:00
- Yole Développement Pierrick Boulay, Technology and Market Analyst  
"Evolution of the LiDAR industry for ADAS and robotic vehicles"
  - **Q&A session 7**
- 18:00 **Closure, Hector Fratty**
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