

**DVN-I**  
Automotive Interior

- SAVE THE DATE -

**24**  
SEPT.  
2020

# CAR SMART INTERIOR ONLINE CONFERENCE & EXPO

“NEW TECHNOLOGIES FOR CAR INTERIOR & MOBILITY”

- LIVESTREAM CONFERENCE AND EXPO -



**We are excited to present the Online CAR SMART INTERIOR Conference & Expo which will take place on the DVN virtual platform on September 24, 2020.**

*Individual registration is compulsory (see registration URL at the bottom of this page)*

## DESCRIPTION & PROGRAM

For this online CAR SMART INTERIOR opening event, DVN is planning an exceptional Conference and Expo with the Theme:

### New Technologies for Car Interior & Mobility

Within today's revolution of ACES (autonomous, connected, electric, and shared) vehicles, mobility use cases are changing drastically. Car interiors are becoming a new product differentiator, allowing drivers & occupants to have a complete new set of activities through relaxing, working, phoning, reading, watching movies... the car becomes a mobile lounge.

These new usages are pulling new technology to make this new reality true! Cars have been designed to have driver and occupants seat in very defined positions and either just driving, or just doing nothing!

**Lectures are expected from Audi, BMW, Honda, PSA, Renault, Faurecia, Valeo, Adient, Yanfeng, ZF, Brose, Recticel, Preh, NGHX, Sensata, Texas Instruments, ANSYS, The ISELED Alliance, and EPIC (European Photonics Industry Consortium).**

The Workshop will be structured around 5 sessions in sequence:

#### Session #1 - INTERIOR AS A SYSTEM

Car interiors will look like cockpits of the future meant to cocoon driver and passengers, create flexibility and allow all positions, purify cabin air, become energy efficient, with the systems necessary to keep the safest level of protection.

#### Session #2 - ANY SURFACE BECOMES FUNCTIONAL

Thermal surfaces, acoustic insulation surfaces, intelligent multifunctional intuitive controls, any surface will integrate a function.

#### Session #3 - INTERIOR LIGHTING

A new level of driver and passengers experience opens with ambient lighting, light as an interior design tool, and the combination of new light sources associated with new materials.

#### Session #4 - SEATING

Due to new usage scenario (CASE) and new technology, car seats are entering into a new area, integrating new adjustments (swiveling, rotating, relax,), taking care of the driver (driver monitoring system, sensors), new comfort features (massage, heat/cool,), new materials (lightweight, eco-friendly, design), all at an affordable cost level, and within a new adapted safety concept.

#### Session #5 - INTERIOR DESIGN /SIMULATION SW/ ELECTRONICS

What are the key technology enablers which will make all this possible, simulation tools, electronics as a system, how will occupants interact with the machine (Screen, Voice/Audio, Light,)?

**A selection of exhibitors will present their products/ Services about their virtual booth (see more details next page).**

## EXHIBITION RATES

	GOLDEN BOOTH	PLATINIUM BOOTH
<b>RATES (exc. 20% VAT) in Euros</b>	1500	3 000
Includes free invitations	2	3
Company Logo on program & website	Yes	Yes
Includes up to 10 pictures*	Yes	Yes
Includes company presentation video*	Yes	Yes
Includes company video running during conference breaks	No	Yes

\*see next page

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

**Registration for this online Conference and Expo:**  
<https://www.drivingvisionnews.com/boutique/workshops/dvn-interior-workshop-2020/>

**200 Euros/person (early bird rate, 250 Euros after 31/08)**  
(one free entry for DVN-Interior Gold members)

**For detailed information about virtual exhibition opportunities, see next page or contact:**

**Philippe Aumont**

Email: philippe.aumont@dvn-i.com / Mob: +33 6 98 86 75 19

## Welcome onto the Car Smart Interior Virtual 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 **Car Smart Interior 2020** with texts, a photo gallery, your company contact information, and even a short presentation video if you opt for a Golden booth. A special exhibition corner will gather all start-up companies involved in driver and passenger safety, comfort, or new experiences. If you decide to be a sponsor of the event, your video will run during the virtual coffee breaks between the different sessions of the conference.

The virtual Expo will be accessible during a full week after the event, as well as the conference video records.

**Short Description** →

Your logo → 

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.

**Contact Information**

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[Our Brochure](#)

**Video** →



**Photo Gallery**



**Company representatives** →

**Our Representatives**

- 

Liat Rostock  
VP Marketing  
Eyesight Technologies

[Exhibition](#)
- 

David Tolub  
CEO  
Eyesight Technologies

[Exhibition](#)
- 

Israel Ronn  
VP Aftermarket  
Eyesight Technologies

[Exhibition](#)
- 

Rony Greenberg  
VP Business Development  
Eyesight Technologies

[Exhibition](#)
- 

Ruben Kragten  
Director Bus. Dev. & Sales  
Eyesight Technologies

[Exhibition](#)
- 

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.

**Page Content**



# AGENDA

## CAR SMART INTERIOR LIVESTREAM CONFERENCE

THEME: NEW TECHNOLOGY FOR CAR INTERIOR & MOBILITY

THURSDAY SEPTEMBER 24, 2020

8:30 - 9:40

### KEYNOTE SPEECHES– SET THE FUTURE SCENE!

- **Opening by Philippe Aumont**, DVN Interior General Editor
- Smart Technology for Smart Interior, **Geoffrey Bouquot**, Valeo CTO
- Cockpit of the Future, **Christophe Aufrere**, Faurecia CTO
- Inside Future Mobility's Many Challenges, **Dave Muyres**, Mobility Futurist & VP at Streetscope

9:40 - 10:50

### SESSION 1 - INTERIOR AS A SYSTEM

**Chairman: Philippe Aumont, DVN**

- Proposal of Next Generation HMI: **Honda**, Ryou Chijimatsu, General Manager, Senior Chief Engineer
- Smart Cocoon, **Valeo**, Georges de Pelsemaeker, THS Health and Well Being Director
- Materials for the Car Interior of the Future, **Covestro**, Jochen D. Hardt, Head Polycarbonate Industrial Marketing, Mobility

10:50 - 12:20

### SESSION 2 - ANY SURFACE BECOMES FUNCTIONAL

**Chairman: Carsten Befelein, DVN consultant**

- Preh Vision : Giving any surface a switch Function, **Preh**, Dr Matthias Lust, Head Pre-Development
- Sensor Integration on IP skins, **Recticel**, Geert Trossaert, Head of R&D
- Innovative decorated HMI surfaces with integrated touch sensors, **PolyIC**, Dr. Wolfgang Clemensk
- Carbon NanoBud - New 3D touch steering wheel, **Canatu**, Juha Kokkonen, CEO

12:20 - 12:30

**EPIC Introduction, Photonics Industry Association, Carlos Lee, EPIC MD**

12:30 - 13:00

START-UP PITCHES DURING VIRTUAL LUNCH

**Moderator, Philippe Aumont, DVN Interior General Editor**

13:00 - 14:30

### SESSION 3 - INTERIOR LIGHTING

**Chairman: Robert Isele, BMW, Head of Interior Lighting**

- Interior Lighting to support future use cases **Hella**, Dr. Ana Bizal, Head of Pre-Development Interior Lighting
- Smart Interior Projection, **Osram Continental**, Dr Michael Rosenauer Head of Advanced Development
- ISELED, The next generation of Smart LED, **Inova Semiconductors GmbH**, Stefan Hoffmann, TBC
- Automotive Interior Surface Backlighting, **DesignLED**, Dr. James Gourlay, CTO

14:30 - 14:40

**ISELED Alliance Introduction, Robert Kraus, ISELED Alliance President /CEO, Inova Semiconductors**

14:40 - 16:10

### SESSION 4 - SEATING

**Chairman: Philippe Aumont**

- Smart Textiles, **FLT**, Bjoern Sobischek, Founder
- Materials and technologies for tomorrow's interiors, **Covestro**, Florian Dorin
- Driver Monitoring-Gesture recognition-3D sensing- Air Desinfection, **Yole**, Pierrick Boulay
- New role for sensors into seats, **Sensata**, Eric Sorret, VP Performance Sensing

16:10 - 16:30

VIRTUAL COFFEE BREAK, DIGITAL EXPO VISIT, BUSINESS MEETINGS, CHAT

16:30 - 18:00

### SESSION 5 - INTERIOR DESIGN /SIMULATION SW/ELECTRONIC

**Chairman: Carsten Befelein**

- HMI and 3D display - **Marelli**, François Nivelles, HMI & Advanced Engineering, Electronics Business Unit
- DLP technology for display applications, **Texas Instruments DLP**, Ross Schneider, Application Engineering
- Automotive Displays: Future Challenges , **Prof. Dr. Karlheinz Blankenbach**, Chairman German Flat Panel Forum
- Simulation-Reflection & Glare Analysis, Photorealistic Analysis and Perceived Quality, **Ansys**, Eugen Meier

18:00 - 18:10

### CLOSING SPEECHES

**Philippe Aumont - General Editor - DVN Interior Hector Fratty - General Editor - DVN**