

21ST DVN WORKSHOP DECEMBER 2ND, 2020 ONLINE CONFERENCE & EXPO



Digital Lighting Technologies, Lighting Communication, and Regulation

Topics covered: HD Headlamps, Digital Lights, Road Marking, Advanced Signaling, Rear and Interior Lighting, Electronics, News Materials, Simulation and Measurement Tools, Condensation Management, Worldwide Regulations.

Conference/Panel discussion/Exhibition

Sponsored by



Due to the social distancing and traveling restrictions prevailing in most countries, the Tokyo DVN workshop is replaced by a DVN virtual conference & Expo to take place on the DVN-Wizard online platform on December 2nd, 2020 (<https://dvn-workshop.b2b-wizard.com/expo>).

The conference video recordings will remain available during a full week for the 400 expected attendees.

Considering the current sanitary situation, and as the automotive industry is extending work from home and limiting professional travels, we've decided to switch our December Tokyo workshop to a livestream event, composed of a virtual full day Conference and a virtual exhibition hall, to make sure it will be accessible to all industry members from their home or office desk.

"Digital Lighting Technologies, Lighting Communication, and Regulation" will be the theme of this workshop.

HD HL, advanced signalling, new functions, advanced development tools, electronics, simulation, condensation management, are the topics which will be presented. Complete program detailed page 4 & 5 of this brochure.

26 lectures and a Keynote from Koito Executive VP are programmed from OEMs Audi, BMW, Daimler, Renault, Volvo, Volkswagen, set makers Stanley, Ichikoh, Marelli-AL, ZKW, light sources suppliers Lumileds, Nichia, Osram-OS, Osram Continental, and Electronics, Lamp Aiming & leveling, Measuring equipment suppliers. A special session will cover Future Car Interior Lighting with presentations from Grupo Antolin, Texas Instruments, DesigLED, and Yole Developpement. Detailed program in the 2 last pages of this flyer.

In the past, DVN workshops have provided an effective forum to support GTB initiatives to develop global technical requirements and to remove regulatory barriers.

A special session chaired by Geoff Draper, GTB President, will explore what is the main challenge to our lighting family during a session titled: **"Innovation and Regulation – Time for a reality check!"**

Lighting suppliers virtual exhibition booths will window-show and illustrate the most advanced cutting-edge technologies and trends. For more detailed information about exhibition possibilities, see EXHIBITION or contact sberner@drivingvisionnews.com

- Entry Fee: **500 Euros/p**
- Exhibitors and DVN Gold & Platinum members, please ask for your free entry coupons at: contact@drivingvisionnews.com to benefit from your free entries

VIRTUAL BOOTH EXHIBITION RATES & PACKAGE : 5000 Euros (excl. VAT)

WHAT ARE THE BENEFITS FOR AN EXHIBITOR TO BOOK A VIRTUAL BOOTH ?

Maximal Worldwide Exposure for a Minimal Cost (No Traveling, no Shipping)

Virtual Booth includes 3 free entries, Company Video, Photo Gallery, downloadable brochure, company contacts

Company Logo on Sponsors announcements during conference breaks

Company News published in DVN Weekly Newsletter December 1, 2020

Company video running during conference breaks

Company Virtual booth visible for a full week to the larger DVN audience (3 500 lighting professional players)

ONLINE REGISTRATION

www.drivingvisionnews.com/boutique/workshops/dvn-workshop-tokyo/

Exhibitors and DVN Gold & Platinum members, please ask for your free coupons at: contact@drivingvisionnews.com to benefit from your free entries.

For information on exhibition booths, contact:

Salomon Berner

Email: sberner@drivingvisionnews.com

Mob: +33 607640502

Welcome to the 21st DVN Online Workshop 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 21st DVN Workshop event with texts, a short presentation video, a photo gallery, your company brochure and contact information. Your video will run during the virtual coffee breaks between the different sessions of the conference and you will be given an opportunity to publish a News in December 1st, 2020 weekly DVN Newsletter.

The virtual Expo will be accessible during a full week after the event to the extended DVN community of 3 500 professional members.

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.



← Contact Information

[Leave My Details](#) [Our Brochure](#)


← 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.

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AGENDA

21ST DVN WORKSHOP DECEMBER 2, 2020

DECEMBER 2, 2020 --- CET TIME (CENTRAL EUROPEAN TIME, GMT +1)

- ▶ 08:00 AM **OPENING** - Hector Fratty, DVN CEO
- 08:05 AM **KEYNOTE** – Arima-san, Koito, Executive VP, R&D department
“Creating New Values”
- ▶ 08:25 AM **SESSION 1 – CAR MAKERS VISION - CHAIRMAN HECTOR FRATTY**
- Daimler, Dr. Markus Maier, High Resolution Headlamp Modules
“Digital Light in the new S-Class: The future of lighting has arrived”
 - BMW, Rene Uebler, Thomas Priller
“Head- and Tail-lighting concepts of the new BMW 5 series”
 - Volvo, Paul-Henri Matha, Technical Leader Exterior Lighting
“Volvo’s Sustainable Digital Lighting”
 - Volkswagen, Ricardo Ploeger, Manager Lighting and Vision
“IQ.Light – Volkswagen New Light Vision”
 - Renault, François Bedu, Leader Lighting Innovation
“What means Digital Lighting for RENAULT Group”
- Q&A session 1**
- 10:15 AM COFFEE BREAK
- ▶ 10:30 AM **SESSION 2 – SET MAKERS DIGITAL LIGHT AND HD TECHNOLOGIES - CHAIRMAN MICHAEL HAMM**
- Marelli, Ernst-Olaf Rosenhahn, Head of Lighting Innovation
“ADB Rating Systems, from entry version up to high resolution”
 - Ichikoh, Hiroyasu Onuki, General Manager Innovation
“Stress Reduction with Monolithic”
 - ZKW, Gerald Boehm, Group Research & Innovation Director
“Possibilities of next generation high definition modules”
 - Stanley, Yasushi Yatsuda, Active Optics Group Team manager
“Evolution of ADB - Stanley never end the evolution of headlamps”
- Q&A session 2**
- 12:00 AM LUNCH
- 12:30 PM **SESSION 3 – REGULATION - CHAIRMAN GEOFF DRAPER**
- ▶
- Michael Larsen, GM, Exterior Lighting Technical Lead
“ADB regulation in the US”
 - Wolfgang Huhn, GTB WG-S Chair
“Activity Report GTB Strategy WG”
 - Rainer Neumann, GTB SVP Chair
“Activity Report GTB Safety and Visual Performance WG (SVP)”
 - Geoff Draper, President GTB
“Removing Barriers to Innovation - A Reality Check”

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- ▶ 13:30 PM **SESSION 4 – FUTURE CAR INTERIOR - CHAIRMAN CARSTEN BEFELEIN**
- Antolin, Monica Ai, Lighting Director China, Julien Adillon
"Smart Lighting Integration"
 - DesignLED, James Gourlay, CTO
"Surface Backlighting for Future Automotive Interiors"
 - Texas Instruments, Brandon Seiser, Product Marketing Engineer
"Turn any automotive window into an HMI display with TI DLP®"
 - Dominant, Eric Toh Chip Hock, Product Marketing Manager
"Accelerating Development of Ambient Lighting with seddLED"
 - Yole Developpement, Martin Vallo, Technology & Market Analyst
"Car interior highlighting, lighting, sensing and displays synergies"
- Q&A session 4**
- ▶ 03:20 PM BREAK
- 03:35 PM **SESSION 5 – LED & ADB----INNOVATION & DEMOCRATISATION - CHAIRMAN LEO METZEMAEKERS**
- Osram-OS, Hans-Joachim Schwabe, CEO Osram Specialty Lighting and Stefan Groetsch, Principal Key Expert/Application Fields
"Future Lighting Technologies and Demo of a High-Resolution Active Pixel-LED"
 - Lumileds, Norbert Lesch, Director Innovation Product Marketing
"Paving the way for Digital Headlighting: enabling Light source technology solutions"
 - Nichia, Hiroaki Kuroda, Manager Advanced R&D and Kinya Ichikawa, Senior Research Scientist
"Future of digital lighting technologies starts with Nichia"
 - Osram-Continental, Dr. Maximilian Austerer, Head of Technical Business Development and Elektrotbit, Dirk Spiesswinkel, Product Manager
"Sensor Fusion for HD Lighting"
- ▶ **Q&A session 5**
- 05:05 PM **SESSION 6 – ELECTRONICS, LAMP AIMING, MEASUREMENTS - CHAIRMAN RALF SHAEFER**
- NXP, Prem Sharma, Manager Automotive SSL
"Advances in Intelligent Automotive Exterior Lighting"
 - Elmos, Jatin Thaker, Senior Director Product Segment Lighting
"Considerations for dynamic Rear Light LED control using bus based semiconductor architectures"
 - AML Systems, Ludovic Toulisse, Senior R&D Director
"When leveling and aiming merge into digital"
 - Instrument Systems, Hassan Gargouri
"Methods to measure the luminous color of white and colored LEDs"
- ▶ **Q&A session 6**
- Covestro, Paul Platte, Industrial Marketing, and Jim Lorenzo, Application development,
« Driving Ahead of the Curve: Visionary Headlamp Concept with Polycarbonates»
- 19:00 PM **CLOSING**