

19 / 20  
FEB. 2025  
MUNICH

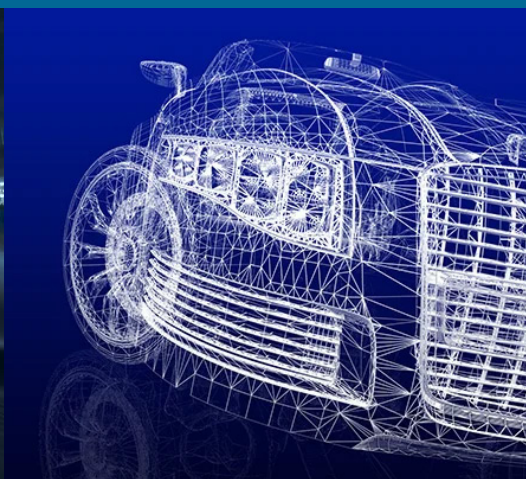


# MUNICH WORKSHOP

SOCIAL COCKTAIL • MEET & GREET DINNER • CONFERENCE • EXPO

34<sup>TH</sup> DVN  
WORKSHOP

NEXT CHALLENGES :  
SUSTAINABILITY, DEVELOPMENT  
SPEED ACCELERATION AND SW





## INTRODUCTION TO THE DVN MUNICH WORKSHOP

Our 34<sup>th</sup> DVN Lighting workshop is taking place in Munich on February 19-20, 2025, at Motorworld Munich in Germany.

The theme is “**Next challenges: Sustainability | Development speed acceleration | Software**”.

This Munich workshop bring together more than 500 worldwide participants, managers, and experts involved in lighting.

### Keynotes from:

- Marelli, Roland Berger, FORVIA HELLA, S&P and Valeo.

### Over 75 lectures on the agenda, we have contributions from:

- OEMs Audi, Lamborghini, SKODA, NIO, Polestar, Volvo, Mercedes, BMW, Bentley and Renault;
- Lighting suppliers Hascovision, Liaowang, Marelli, Mind, OPmobility, Valeo, ZKW and Forvia Hella;
- Light source suppliers ams OSRAM, LITE-ON Technology, LG Innotek, Lumileds and Refond;
- Tier 2 suppliers and service companies including Ansys, ASAP, BrightView Technologies, Capgemini, Edag, Infineon, LESS, Microrelleus, SABIC and Synopsys involved in optics, electronics, driver monitoring, materials, simulation, testing, measurements, and regulations;
- Universities and Institutes.

### More than 40 exhibition booths and sponsors hosting fruitful exchanges between all attendees:





## ACCESS & ACCOMMODATION

### ACCESS:

#### Motorworld Munich

Am Ausbesserungswerk 8, 80939 München, Germany



### ACCOMODATION:

#### Hotel Arena Stadt München

Schlößlinger 10, 80939 München

#### B&B Hotel München City-Nord

Freimanner Bahnhofstraße 4, 80807 München

#### PLAZA Premium München

Frankfurter Ring 228a, 80807 München

#### Holiday Inn – the niu, Loco Munich North, an IHG hotel

Frankfurter Ring 228, 80807 München, Allemagne

## REGISTRATION

### DVN members:

- Gold members: 1 free entry
- Platinum: 3 free entries

### Additional entries for DVN members:

- 1500€

### Non DVN members:

- Ticket fee: 2000€

## CONTACT

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## MORNING AGENDA • WEDNESDAY, FEBRUARY 19

08:00 am **REGISTRATION & COFFEE**

*Sponsored by Nichia*

08:50 am **OPENING & WELCOME**

Paul Henri Matha – DVN

09:00 am **KEYNOTE SPEECH**

**Marelli** – Frank Huber, President Marelli Lighting

**Roland Berger** – Florian Daniel, Partner

- *Health check and key developments in the global automotive supplier industry*

09:30 am **EXHIBITORS' PITCH**

10:30 am **COFFEE BREAK**

*Sponsored by Nichia*

11:15 am **DEVELOPMENT OF NEW WAY OF WORKING – SIMULATION, AI, SW INTEGRATION, VALIDATION, FUNCTION DEVELOPMENT.**

**Chairman:** Wolfgang Huhn

**Dassault Systèmes** – Sofiane Benhelli

- *How Virtual Twins Are Redefining Automotive Lighting Developments*

**Synopsys & Dassault Systèmes** – Tobias Schmid & Stephan Ritz

- *LucidShape X and CATIA on the 3DEXPERIENCE Platform: Emerging Opportunities Fueled by the Digital Transformation*

**FORVIA HELLA** – Mario Saure

- *LightOpen – A cloud-based ecosystem to enable the full potential of SDV's lighting hardware*

**EDAG Engineering** – Jannes Buthmann

- *EDAG EDlight + Homogenium – AI-based light function detection & measurement evaluation*

**ASAP** – Christina Riebl

- *Rethink Validation – How to Validate Exterior Lights in an Evolving Automotive Ecosystem*

**Volvo Car Corporation** – Henrik Mattsson

- *Technical Expert – Light Aspect Simulation & Visualization*

**OPmobility** – Michael Rosenauer

- *The Modern Vehicle Front: Advantages & challenges of a unified system approach*

**Ansys** – Alejandro Marin

- *Power saving through AI-optimized optical design*

**Audi** – Andre Hainzmaier

- *Experiencing Innovative Lighting Functions with the myAudi App*

**BMW Group** – Tabea Schlürscheid

- *Temperature Behavior in Headlights: BEV vs. ICE*

**Capgemini Engineering** – Paul Jacquet-Pierroulet

- *Predict & Control your Design realization: it's Visualization*

**Q&A**

01:15 pm

**LUNCH**





## AFTERNOON AGENDA – PART 1 • WEDNESDAY, FEBRUARY 19

02:30 pm

PARALLEL SESSION

### INNOVATIVE TECHNOLOGY – LIGHT SOURCE | PART 1

**Chairman:** Hans Joachim Schwabe

**Lite-On** – Ifei Lee

- *Redefining Automotive Lighting: Innovative LED Solutions for Light Engines*

**Refond** – Grayson Liao

- *Innovative application of MINI LED technology in vehicle backlighting*

**LG Innotek** – Somi Jun

- *Nexlide: Advancing the Vision of Future Lighting Solutions*

### 2W, TRUCKS, SMALL VOLUME, PREMIUM & SPORT CARS

**Chairman:** Hans Joachim Schwabe

**BMW Group** – Andreas Knödler-Bunte

- *BMW SkyTop, Focus on the lamps design*

**Wipac** – Simon Baker

- *Lightweight, High performance and Modular Lighting*

**HSL Italia** – Jan Denecke

- *HSL – Next Level Lighting*

**JWSpeaker** – Dragan Popovic

- *De-Icing technology for exterior lighting – Headlamp “Smart Heat”*

**Bentley** – Andy Twiss

- *Heritage and Technology*

**Hero MotoCorp** – Rohit Sharma

- *Unfolding of new technology at Hero Motocorp*

**Automobili Lamborghini** – Francesco Micoli

- *Possibilities and design challenges of lighting on limited edition cars*

**L.E.S.S.** – Yann Tissot

- *LUXIBRIGHTTM: Enabling High-Intensity, Lightweight & Ultra-thin Lighting Functions*

Q&A

02:30 pm

PARALLEL SESSION

### EE SESSION

**Chairman:** Thomas Froelich

**Magna** – Luca Gioanola

- *Evolution of EE Architecture and Sensor Integration in Lighting*

**Marelli** – Wolfgang Ritter

- *Marelli’s vision: Lighting within Zonal-Architectures*

**Continental** – Ion Rosca

- *SW transformation for Light Control Units*

**Robert Bosch** – Gregor Sunderdiek

- *CAN FD light, the low-cost CAN bus for Lighting*

**ams OSRAM Group** – Stefan Grötsch

- *Open System Protocol (OSP) enables innovation for Dynamic Light Applications and more*

**Onsemi** – Paul Decloedt

- *Preparing Automotive Headlamps for the Era of Software-Defined Vehicles*

**STMicroelectronics** – Marco Giudici

- *CAN FD Light controlled lighting in new EE architectures*

**Infineon Technologies** – Pierre Mehn

- *How Infineon’s smart LED drivers enable SW-less architectures in automotive lighting”*

**Melexis** – Andreas Laute

- *Exterior Display Trends & Innovations*

**Inova Semiconductors** – Aleksandar Živanović

- *ISELED – From now to Next*

ROUND TABLE

## AFTERNOON AGENDA – PART 2 • WEDNESDAY, FEBRUARY 19

04:30 pm **COFFEE BREAK**

*Sponsored by Nichia*

05:15 pm **PARALLEL SESSION**

### INNOVATIVE TECHNOLOGY – START-UPS & NEW PLAYERS | PART 2

**Chairman:** Carsten Befelein

**Muth Lighting** – Robert Miller

**Flatlight** – Renato Juliano Martins

- *Active light control systems with NanoSLM*

**Reichle Technologiezentrum** – Marco Reichle  
& Maximilian Blackwell

- *Innovative technical lighting surfaces via modern laser technology*

**Niebling** – Udo Weustenhagen

- *Film Insert Molding: Forming Illuminated Front Panels and Headlamps for EVs*

**BrightView Technologies** – Jennifer Aspell

- *Novel Automotive Lighting Solutions Using Computational Optics*

**INEVO** – Andreas Popp

- *In Mold Coating for lighting and backlighted components*

**CTM-do** – Bob Knauff

- *Identify Lighting Improvement Potentials via Computer Tomography*

**Murata** – Iivari Heikkilä

- *Headlight levelling using MEMS inertial sensors*

**OLEDWorks** – Philip Mooney

- *Beyond Illumination: Shaping the Future of Vehicle Lighting with Bendable Atala OLED*

**MD Group** – Bruno Machado

- *New Ways of Working: Tier 1.5 Approach*

05:15 pm **PARALLEL SESSION**

### ROUND TABLE – DISCUSSION:

Focus on new legal requirement about Software Update and Cybersecurity and its impact on lighting – UNECE R155 & R156

**Chairman:** Paul-Henri Matha

**Bylogix srl** – Massimo Sanna

- *Cybersecurity Regulations in Automotive*

**DEKRA Automobil** – Bircan Taslica

- *Implications of UN R155 and UN R156 for OEMs and Their Impact on Suppliers*

### ROUND TABLE

06:15 pm **NIO** – Erol Kursani & Adam Bazydlo

- *The Pinnacle of NIO's 10-Year Innovation*

06:30 pm **DESIGN ROUND TABLE**

**Chairman:** Paul-Henri Matha

07:15 pm **AWARD CEREMONY**

**Chairman:** Michael Hamm

07:30 pm **COCKTAIL & DINNER**



## MORNING AGENDA • THURSDAY, FEBRUARY 20

### 08:00 am WELCOMING COFFEE

*Sponsored by Nichia*

### 08:30 am KEYNOTE SPEECH

**FORVIA HELLA** – Yves Andres, FORVIA HELLA Lighting CEO

**S&P** – Sascha Sebastian Klapper, Research & Analysis Manager

### 09:00 am ADB & PROJECTIONS

**Chairman:** Michael Hamm

**ams OSRAM Group** – Markus Hofmann

- Simplified HD matrix system

**NICHIA** – Christopher Zilkens

- A standard light engine approach for ADB applications

**OP mobility** – Shammika Wickramasinghe

- First ADB application for US based on vertical development

**Lumileds** – Lars Dabringhausen

- ADB direct imaging solutions on the road

**Maradin** – Matan Naftali

- New capabilities for interior and exterior lighting using laser projection

**Infineon Technologies** – Emanuele Bodini

- Projections investigation based on MEMS

**Mercedes-Benz** – Philipp Trojan

- Signal road projection of the turn indicator: Investigation at different speeds and scenarios

**Odelo** – Thorsten Hornung

- Efficient optics for signal road projection

**BMW Group** – Alexander Stuckert

- Visibility requirements for interior projections

**Q&A**

### 10:40 am COFFEE BREAK

*Sponsored by Nichia*

### 11:10 am INNOVATIVE TECHNOLOGY – DESIGN | PART 3

**Chairman:** Wolfgang Huhn

**Hascovision** – Jingling Ao

**Audi** – Stefan Staudacher

- The evolution of digital OLED lighting

**Microrelleus & Cupra** – Carlos Elvira & Raúl García

- Cupra, innovative lighting signature powered by precision laser microstructuring

**Liaowang** – Dan Gu

- The Development Trend of Electronics under the Evolution of Intelligent Interaction

**MIND** – Jin Hui

- Future Intelligent Lighting – User Experience Perspective from China & MIND view

**Polestar** – Christophe Ferreira Da Silva

- Polestar design / lighting philosophy

**Appotronics** – Han Meng

- Distributed illumination and display with fiber coupled light source

**Sony** – Sinisa Dohnal

- Automotive Lighting: Innovative Polymer Micro-Optic Solutions

**Q&A**

### 12:40 pm LUNCH



## AFTERNOON AGENDA • THURSDAY, FEBRUARY 20

### 02:00 pm SUSTAINABILITY | PART 1

**Chairman:** Paul-Henri Matha

**KEYNOTE SPEECH: Valeo** – Mino Yamamoto, Group Circular Economy and R&D Excellence Director

- *Lighting the Way: Pioneering the Future of Sustainable Mobility*

**Volvo Trucks** – Sara Engal

- *Trucks shedding light on sustainable headlamps*

**ams OSRAM Group** – Stefan Herold

- *Standardized LED light sources to realize simplicity and sustainability across multiple car models*

**Llink Technologies Inc** – Jeff Goulet

**ZKW Group** – Gerald Boehm

- *Sustainable, innovative, recyclable material composites for future car headlamps*

**Renault** – Francois Bedu

- *Lightweight Design : Benefits of Mucell Technology for PP-TD housing*

#### ROUND TABLE

### 03:30 pm COFFEE BREAK

*Sponsored by Nichia*

### 04:00 pm SUSTAINABILITY | PART 2

**Chairman:** Thomas Froelich

**A2MAC1** – Arnaud Goy & Franco Marcori

- *Power consumption Benchmark*

**RISE Research Institutes of Sweden** – David Nilsson

- *Material development & production possibilities of electronics to be more sustainable*

**SABIC** – Erhard Bruss

- *Lighting the Path to Net-Zero Emissions and Enhanced Sustainability with Automotive Thermoplastics*

**Covestro** – Jan Helmig

- *Illuminating the Circular Economy: Material Innovations for the future of Automotive Lighting*

**Capgemini Engineering** – Dorothea Pohlmann

- *Sustainability Performance through Data, Engineering & Innovation*

**SAATI SpA** – Roberto Momentè

- *Breathing Sustainability: PFAS-Free Venting Solutions for the Lighting Industry*

**Gore** – Joachim Aigner

- *Balancing Reporting and Action: Leveraging Life Cycle Assessment (LCA) for supply chain decarbonization and beyond*

#### Q&A

### 05:15 pm FINAL AWARD & CLOSING CEREMONY