

04/05  
FEB. 2026  
MUNICH

OLYMPIA PARK  
GERMANY



# DVN MUNICH WORKSHOP

SOCIAL COCKTAIL & DINNER • CONFERENCE • PANEL DISCUSSION • AWARD CEREMONY • EXPO

39<sup>TH</sup> DVN  
WORKSHOP

2035 AUTOMOTIVE LIGHTING  
WHAT'S NEXT ?



**39th DVN Munich Lighting Workshop – February 4-5, 2026**

*Olympia Park, Munich, Germany*

## **2035 AUTOMOTIVE LIGHTING: WHAT'S NEXT ?**

**Automobile is born in Europe more than one century ago.** With new ways on mobility, climate change and strong worldwide competition, Automotive industry has to be reinvented. This is impacting also our automotive lighting community and our supply chains.

Exterior lighting has never been in such a big role at IAA Munich last September, with new technology release, new design language and strong marketing usage.

We have now to bring an holistic approach to lighting. It is not only safety and design.

It is time to think together about the next step. What will be our automotive lighting world in 10 years?

**For this purpose, the agenda will include different sessions:**

- Lighting and design
- Innovative technology including EE to support
- Simulation and AI : how to accelerate and change our way of working
- Sustainability and how to move forward
- Niche market and special needs (2W, trucks, sport cars, luxury cars)

Including round tables and award ceremony.

**For the first time we are inviting design schools to give us input and vision and we have defined a Jury to select the best design proposal.**

**This Munich DVN Workshop will bring together more than 500 participants from all over the world. Experts, researchers, managers, designers, engineers...and you!**



**Paul-Henri Matha**

*DVN Chief Executive Officer and Lighting General Editor*

**For more information and to register —  
Please go on our website**



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### WORKING SESSIONS

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02:00 pm  
to 05:30 pm

ROOM 1 – **DEEP DIVE INTO AUTOMOTIVE LIGHTING SUSTAINABILITY STAKES**

**EXPERT DISCUSSION BETWEEN OEM, TIER1 AND TIER2**

**Chairman:** Gerd Banhmuller, DVN

**Covestro & Forvia Hella** – Jan Helmig, Global Technical Marketing Mobility Lighting & Mathias Niedling, Head of Sustainability at Business Group Lighting:

- *Reducing CO<sub>2</sub> Footprint and Enabling Circular Economy: Final Results from the NALYSES Research Project*

**Valeo** – Grégory Planche, Lighting Circular Economy Program Manager & Laurent Barré, Senior Materials & Polymers Expert

**Sabir** – Erhard Bruss, Senior Manager Automotive Marketing

- *Intensify Sustainability with Engineering Thermoplastics*

**Audi** – Michael Kruppa, Head of Front Light Development

**Momentive** – Andreas Haeuseler, Global Automotive Marketing Leader – Functional Coatings:

- *Maximize the Handprint: Functional Coatings for Mobility Lighting*

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### WORKING SESSIONS

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02:00 pm  
to 05:30 pm

ROOM 2 – **DEEP DIVE INTO EXTERNAL DISPLAY: STATUS ABOUT RESEARCH FROM INSTITUTE & INDUSTRY**

**Chairman:** Paul Henri Matha, DVN

**Forvia** – Christian Schmidt, Head of Innovation:

- *Vision2X democar presentation*

**Marelli** – Ernst-Olaf Rosenhahn, Director Headlamp Innovation Stellantis:

- *Heidi Project outcome*

**Technical University Darmstadt** – Jonas Bix:

- *Principles of symbol design and brightness configuration for display and signalling units in the context of AV-communication*

**Dekra** – Wilfried van Laarhoven:

- *External Displays - Regulatory options and obstructions*

**Audi** – Werner Thomas, Project Manager OLED-Lighting / Exterior Displays

# PROGRAM • FEBRUARY 4<sup>TH</sup>, 2026

## OLYMPIA PARK MUNICH



07:30 am **REGISTRATION & WELCOME COFFEE**

09:15 am **OPENING OF THE EVENT**

**DVN** – Paul Henri Matha, CEO

**ams Osram** – Aldo Kamper, CEO

**China Academy of Art** – James Hope, Professor & Head of Transportation Design Institution

09:45 am **SESSION 1 • PART 1**  
**LIGHTING, COMMUNICATION & DESIGN – THE NEW 3 PILLARS FOR OUR COMMUNITY**

**Chairman:** Wolfgang Huhn

**Mercedes-Benz** – Eva Weckenmann, Manager Tech-Programs; Anton Nelson, Headlamp-Responsible; Dominik Reule, Rearlamp-Responsible; Üsamed Akkoca, Rear-Display-Responsible:

- *The Mercedes Tech-Programm Concept AMG GT XX*

**Audi** – Michael Kruppa, Head of Front Light Development:

- *Essence of Lighting – Technical precision and radical simplicity*

**BMW** – Thorsten Krajc, Project leader exterior lighting und viewing systems Neue Klasse:

- *BMW's Neue Klasse - Implementation of a new exterior light design*

**Polestar** – Christophe Ferreira Da Silva, Design Manager:

- *Polestar 5 lamp details*

**Stellantis** – Richard Brevet, Lighting leader style Citroën:

- *Citroen C5 and Elo lighting design*

**OPmobility** – Michael Rosenauer, Director Innovation Exterior & Lighting:

- *Transforming Automotive Lighting Design with Advanced Decoration and Sustainable Manufacturing*

**SL Corporation** – Hyeongdo Kim, Research Engineer:

- *Color MLA Headlights*

**Tactotek** – Dominique Heilborn, Director Ecosystem Partnerships:

- *SEAMLESS SKIN - A Designer's Dream*

**Porsche** – Benjamin Hummel:

- *Porsche HD-Matrix: The Hidden Role of Modularization and a Headlamp Aiming Analysis*

**Microrelleus** – Raúl García, CEO:

- *Production Tool Engraving vs. Direct PMMA Processing with Femtosecond Laser: A Comparative Study on Homogeneity and Efficiency*

11:30 am **COFFEE BREAK**

*Sponsored by Nichia*

12:00 am

### SESSION 1 • PART 2

#### LIGHTING, COMMUNICATION & DESIGN – THE NEW 3 PILLARS FOR OUR COMMUNITY

**Chairman:** Hans Joachim Schwabe

**Sabio** – Dr. David Elvers, Sr. Business Development Automotive; Erhard Bruss, Sr. Manager Automotive Marketing:

- *Trends and Opportunities in materials for Automotive Lighting – Focus: Light & Chrome*

**Saint Gobain Sekurit** – Fabien Geniaux, Marketing Portfolio Manager, Active Glazing Systems:

- *Light in Glazing: New Horizons for the Automotive Experience*

**ZKW** – Gerald Boehm, Innovation and Technical Customer Relationship Management Principal:

- *Display solutions and challenges*

**Tata Motors** – Salil Kulkarni, Head of Global Design Operations:

- *From Tata Motors' LED Lighting Evolution to the New Sierra's Lighting Journey*

**Edag** – Jannes Buthmann, Global Head of Lighting & Display Systems:

- *Natural 3D Appearance, Unbounded Form: EDAG's Remote Phosphor Approach for Lamp Design*

**Marelli** – Ernst-Olaf Rosenhahn, Director Headlamp Innovation:

- *Future Communication by Light: New Options by External Displays and Ground Projections*

**Ford** – Mike VanBelle, Global Exterior Lighting Manager:

- *Update from Ford*

**Mind** – Hui Jin, Innovation Director:

- *How High-Performance Technology and Reliable Solution Empower Chinese User and OEM Challenges?*

**LG Innotek** – Taekhoon Jang:

- *How High-Performance Technology and Reliable Solution Empower Chinese User and OEM Challenges?*

01:30 pm

**LUNCH BREAK**

03:00 pm

### SESSION 2 – DEEP DIVE INTO FILM TECHNOLOGY : PRODUCT & PROCESS

**Mercedes-Benz** – Marc Hainke:

- *Mercedes Front panel development*

**Gerhardi** – Jan Prass

**KraussMaffei** – Andreas Bierbaumer, Technology Manager Surfaces IMM

- *From Hard Coating to In-Mold PUR: A New Approach for Automotive Lighting*

**Leonhard Kurz & SP3** – Sven Oberndörfer, Head of Advanced business Development:

- *Virtual Validation of design driven multi-layer lighting*

**Nissha** – Tino Theer, Development Engineer:

- *Film technology illuminating the next step in automotive exterior lighting*

**Niebling** – Udo Weustenhagen, Director Sales & Marketing

- *Preforming for Film Insert Molding (FIM): Fundamentals and Industrial Boundaries*

**Inevo** – Roberto Fagarazzi, Managing Director Sales

**Magna** – Bünyamin Uzun, Product Line Manager Europe – Lighting:

- *Chrome-Film Meets Light: Challenges and Solutions in the Illuminated Frontpanel of the Mercedes-Benz CLA EQ*

**Proell** – Hans-Peter Erfurt, IMD/FIM Manager:

- *IMD/FIM Screen Printing Inks and Lacquers for the Decoration of Automotive Front Modules and Lighting Applications*

04:30 pm

### COFFEE BREAK

*Sponsored by Nichia*

PROGRAM • FEBRUARY 4<sup>TH</sup>, 2026

OLYMPIA PARK MUNICH



05:00 pm

DESIGN CONTEST

DESIGN SCHOOLS



Pforzheim



China Academy  
of Art



Umeå



IED Barcelona



Hochschule  
München




Rubika




Coventry  
University


JURY



Thomas  
Ingenlath


Senior design  
adviser






Berk Keskin


Head of  
Exterior  
Design






Cesar  
Muntada


Head of  
Design Light  
Experience






Richard  
Brevet


Citroen  
Lighting  
Designer






Andreas  
Knoedler Bunte


Director Lighting  
Design  
innovations






Eric Moisy


Styling  
department






Philip Rockl


Group  
Manager  
Exterior Lighting






Michael Kleinkes


Head of Lighting  
Development





Wolfgang  
Huhn

Senior  
Advisor



06:00 pm

DVN AWARD CEREMONY

07:00 pm

COCKTAIL & DINNER

# PROGRAM • FEBRUARY 5<sup>TH</sup>, 2026

## OLYMPIA PARK MUNICH



07:00 am **WELCOME COFFEE**

08:00 am **PRE-SESSION – OPTICAL DESIGN DEEP DIVE**

**Chairman:** Franco Marcori

**Huaju** – Jia Zhenqing, Vice President & Project Director:

- *Beyond Spherical Limits: How Aspherical Glass Lenses Elevate Automotive Lighting Performance & Design*

**Fraunhofer IAP** – Manuel Gensler, Research Manager

**Fraunhofer IOF** – Dmitrii Stefanidi:

**Doctor Optics** – Markus Winkler, CTO / CSO:

- *Cost competitive lens solutions for Pixel Light Headlamps*

**ams Osram** – Florian Wittmann, Application Engineer:

- *Novel Intelligent LEDs for Highly Scalable Dynamic Exterior Lighting*

**Refond** – Felix Zhang, International Technical Support Manager:

- *Optimization of ADB Light Engine*

**Delo** – Christoph Appel, Product Manager Automotive Lighting

09:00 am **KEYNOTE SPEECH**

**S&P Global Mobility** – Sascha Klapper, Research and Analysis Manager:

- *Automotive market turbulences, new times ahead - Where is the automotive lighting market going?*

**A2S** – Hector Fratty & Michel Favre

**Renault** – Francois Bedu, Lighting Expert:

- *Lighting and ADAS, what's next for 2035?*

09:45 am **ROUND TABLE**

**Chairman:** Hans Joachim Schwabe, DVN

**Audi** – Stephan Berlitz, Head of Exterior Lighting Development

**BMW** – Jörg Kälble Exterior lighting development chief

**Mercedes-Benz** – Stefan Töpfer, Senior Manager R&D Lighting Systems

10:30 am **COFFEE BREAK**

*Sponsored by Nichia*



11:00 am

### SESSION 3 – NICHE MARKET AND SPECIAL NEEDS

**Chairman:** Stephan Hellman

**Volvo Trucks** – Berk Keskin, Head of Exterior Design

- *One Light, Two Worlds: A Designer's View on Car and Truck Lighting*

**Aspoeck** – Kevin Riepl, Head of Group Innovation & PPM:

- *Lighting- and assistance systems on heavy trailers*

**Wipac** – Simon Baker, Head of Advanced Development

- *First to Market Rear Lamp Technology*

11:30 am

### SESSION 4 – INNOVATIVE TECHNOLOGY INCLUDING EE TO SUPPORT

**Chairman:** Alfred Vollmer

**OPmobility** – Andreas Schramm:

- *The smart way to an LDM-less headlamp: How the next-generation E/E architecture enables a more efficient approach*

**Ennostar** – Dr. Meng-Yu Ho, Senior Director of Automotive Product Development:

- *Mini LED ISD for Automotive: A Chip-to-Module Framework*

**Robert Bosch** – Gregor Sunderdiek, Product Management Intellectual Property Product:

- *CAN FD light for next generation E/E architectures*

**Melexis** – Andreas Laute, Product Manager, Exterior Lighting:

- *A Multi-Channel LED Driver IC Approach for Exterior Lighting with High Flexibility*

**ams Osram** – Lufei Shen, Product Manager:

- *Cost-effective system solutions using OSP-based LED Drivers*

**Indiemicro** – Lingjun Wang, SD of EMEA and North America, indiemicro:

- *Innovation Amid New Trends in Automotive Lighting*

**Macroblock** – Gary Chang, LED Display And Lighting Product Manager:

- *Macroblock LED Driver ICs Enable the Next Generation of Intelligent Signal Displays And Ambient Lighting*

**Inova** – Gerhard Nill, Senior Technical Sales Manager:

### ROUND TABLE

12:30 pm

### LUNCH BREAK

01:30 pm

### SESSION 5 – SIMULATION AND AI : HOW TO ACCELERATE AND CHANGE OUR WAY OF WORKING

**Chairman:** Benoit Deschamps, Expert Virtual MockUp & eXtended Reality, Renault

**Renault** – Benoit Deschamps Expert Virtual MockUp & eXtended Reality:

**Ansys part of Synopsys** – Mathieu Reigneau, Senior Product Manager - Speos:

- *Acceleration in digital engineering: what AI & software customisation can truly deliver in lighting?*

**Dassault Systems & Keysight** – Stephan Ritz & Tobias Schmid, Director Portfolio Management & Ph.D:

- *F3DEXPERIENCE CATIA & LucidShape - A Paradigm Shift for Lighting Design Workflows*

**Eclat Digital & Covestro**

- *Covestro & Ocean™: From Pixel to Real Part - Eliminate guesswork in design with predictive optical simulation*

**United Visual Researchers** – Thomas Labardens, Chief Commercial Officer:

- *Predict on Omniverse : Leveraging USD for Lighting Design*

**Edag** – Jannes Buthmann, Global Head of Lighting & Display Systems:

- *Advantages and Challenges of Real-Time Virtual Night Drives with Unreal Engine 5 in EDAG's ZeroPrototypeLab*

**Luminous Algorithms** – Ingo Steiner, CEO:

- *Specification-Driven Engineering – Automated Generation of Freeform Optical Surfaces for Lighting*

**Hochschule Magdeburg-Stendal** – Benedikt Lamontain, Professor of Design and CAD:

- *Sustainable Product Development - The Potential of XR-Technologies*

**BSCA** – Chisco Sanchís, Lighting Visualization and Digital Innovation:

- *Acceleration in digital engineering: what AI & software customisation can truly deliver in lighting?*

### PANEL DISCUSSION

03:00 pm

### COFFEE BREAK

*Sponsored by Nichia*

03:30 pm

### SESSION 6 – SUSTAINABILITY AND HOW TO MOVE FORWARD

**Chairman:** Gerd Bahnmueller

**Covestro & Forvia Hella** – Jan Helmig & Mathias Niedling, Global Technical Marketing Mobility Lighting & Head of Sustainability @ Business Group Lighting:

- *NALYSES Sustainable Headlamp Demonstrator: Innovative Design Meets More Sustainable Materials*

**Valeo** – Grégory Planche & Laurent Barré, Lighting Circular Economy Program Manager & Engineer:

- *Circular Polymers in Automotive lighting : New Circular Value Chain*

**Emerson Branson** – Marian Blasko, Key Account Manager :

- *Innovating the Future: Sustainable Headlamp Assembly Process*

**Sumitomo Chemical** – Oliver Vollmar, Business Development Manager:

- *A solution for sustainable lighting - proposal from New PMMA materials*

**Lumileds** – Wolfgang Schiene Director Product Management Auto LED Solutions – Headlighting:

- *Replaceable LUXEON Go light source modules, easing reparability in a sustainable headlamp architecture*

**DVN** – Gerd Bahnmueller, Senior Advisor:

- *Synthesis of DVN deep-dive*

### Q&A

04:40 pm

### CLOSURE

