
WORKING SESSIONS

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 Bahnmüller, DVN

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

- *Reducing CO₂ Footprint and Enabling Circular Economy: Final Results from the NALYSES Research Project*

Sabic – 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*

NanoVents – Jiří Schirl, R&D and Business Development Team Leader:

- *PFAS Dilemma: Legacy Technology, Environmental Conflict and the Challenge of Transition Beyond PFAS in Automotive Towards Sustainable Alternatives*

WORKING SESSIONS

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:

- *Heidi Project outcome*

Stellantis – Julisa Le:

- *Advanced Light Signature as Communication device*

Technical University Darmstadt – Jonas Bix, PhD student and research assistant:

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

Dekra – Wilfried van Laarhoven, Manager Approval Testing Development:

- *External Displays - Regulatory options and obstructions*

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

Valeo – Stefan Namyslo, R&I Technical Leader:

- *On-vehicle displays and on-ground projection for automated vehicle communication*

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, Dean of Transportation Design Institute:

- *Clarity vs. Conformity*

09:45 am

SESSION 1 • PART 1

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

Chairman: Wolfgang Huhn

Mercedes-Benz – Anton Nelson, Predevelopment Front Lighting Systems; Dominik Reule, Predevelopment Rear Lighting Systems; Üsame Akkoca, Project Manager Exterior Innovations:

- *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 sytems 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, Manager Front Lighting Development:

- *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 pm

SESSION 1 • PART 2

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

Chairman: Hans Joachim Schwabe

Sabic – 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 – Felix Freytag, Front Lighting Specialist:

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

Ford – Mike VanBelle, Global Exterior Lighting Manager:

- *Update from Ford*

Mind – Jin Hui, Innovation Director:

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

LG Innotek – Svenja Sohrbeck, Global Key Account Manager (Europe):

- *Lighting the Future: Nexlide Pixel in a Compact Design & Nexlide Air with a Simplified Structure*

01:30 pm

LUNCH BREAK

03:00 pm

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

Chairmen: Paul-Henri Matha & Franco Marcori

Mercedes-Benz – Marc Hainke:

- *Mercedes Front panel development*

Gerhardi – Nicole Michael, Product and Process Development:

- *Lighting Meets Chrome: Enabling Innovative Exterior Front Design in the new Mercedes GLC*

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*

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 4TH, 2026

OLYMPIA PARK MUNICH





















05:00 pm DESIGN CONTEST

Moderated by Andreas Friedrich

DESIGN SCHOOLS

						
Pforzheim	China Academy of Art	Umea	IED Barcelona	Hochschule München	Rubika	Coventry University

JURY

								
Thomas Ingenlath	Berk Keskin	Cesar Muntada	Richard Brevet	Andreas Knoedler Bunte	Eric Moisy	Philip Rockl	Michael Kleinkes	Wolfgang Huhn
Senior design adviser	Head of Exterior Design	Head of Design Light Experience	Citroen Lighting Designer	Director Lighting Design innovations	Styling department	Group Manager Exterior Lighting	Head of Lighting Development	Senior Advisor
								

06:00 pm DVN AWARD CEREMONY

07:00 pm COCKTAIL & DINNER

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, Department Head:

- *Engineering Customized Light: Quantum Dots Beyond Information Displays*

Fraunhofer IOF – Dmitrii Stefanidi, Research assistant:

- *Maskless irregular microlens arrays for headlights and signaling with high optical efficiency*

Docter 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 – 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:

- *Automotive Lighting Challenges: From Collaborative Design to Predictive Simulation*

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 – Romain Hivet, Operations manager:

- *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*

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

- *ViSUS PRO - The Potential of XR-Technologies*

Luminous Algorithms – Ingo Steiner, CEO:

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

BSCA – Michele DiTaranto, CGI Expert & Visualization Strategy

- *Differences between human visual perception and camera capture. Why this gap matters.*

PANEL DISCUSSION

12:30 pm

LUNCH BREAK

01:30 pm

SESSION 4 – NICHE MARKET AND SPECIAL NEEDS

Chairman: Paul-Henri Matha

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; Daniel Strubreiber, Head of Engineering;

- *Lighting- and assistance systems on heavy trailers*

Wipac Technology, Lanzante & LESS – Simon Baker, Head of Advanced Development; Paul Howse, Chief Designer & Yann Tissot, CEO/Founder:

- *OEM, Tier 1 and Tier 2 new technology collaboration – First to Market*

02:00 pm

SESSION 5 – INNOVATIVE TECHNOLOGY INCLUDING EE TO SUPPORT

Chairman: Alfred Vollmer

OPmobility – Andreas Schramm, Innovation Product Manager – Electronics:

- *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, Group Manager Intellectual Property Products:

- *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 Semiconductors – Gerhard Nill, Senior Product Manager:

ROUND TABLE

03:00 pm

COFFEE BREAK

Sponsored by Nichia

03:30 pm

SESSION 6 – SUSTAINABILITY AND HOW TO MOVE FORWARD

Chairman: Paul-Henri Matha

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 Manage :

- *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 repairability in a sustainable headlamp architecture*

DVN – Paul Henri Matha, CEO:

- *Synthesis of DVN deep-dive*

Q&A

04:40 pm

CLOSURE