

01 / 02
DECEMBER, 2025
CZECH REPUBLIC DOLNÍ OBLAST VÍTKOVICE
OSTRAVA



DVN OSTRAVA LIGHTING WORKSHOP

CONFERENCE • EXPO

38TH DVN
WORKSHOP

VEHICLE LIGHTING IN CZECHIA:
FROM HISTORY TO NEW TECH & INNOVATION



The 38th DVN Lighting workshop will take place in Ostrava on December 1-2, 2025.

DVN's first event in Czechia is coming! A full day of discussion, networking, and innovation show-and-tell.

Over the last 12 months, we have put on events in the UK and Spain, with great interest and strong response from the lighting community. Now it's the Czech lighting community's well-deserved turn. The industry has deep roots there, going back to 150 years ago in 1879, when the Joro company was established as an acetylene lamp maker in Novy Jicin. In 1950, the company became AutoPAL. Ford bought AutoPAL in 1993, and so the company became part of Visteon in 2000, which became Varroc in 2012 and OPmobility in 2023.

In the same time, Hella established a lamp plant in Mohelnice in 1993, followed by an R&D centre in 2000 in Olomouc. Then FLTC (2013), which become Wipac CZ and then Magna. ZKW (2021), Lumax (2021), and Uno Minda (2024) have operations in Czechia, as do Koito, Marelli, Mobis, Prettl, and Lightworks. This vibrant industry is supported by local universities in Ostrava and Brno; around 1,500 lighting engineers are working in this area.

The automotive industry is greatly important in Czechia, culturally and economically. It represents (2023 figures) 34 per cent of manufacturing industry and 24 per cent of the country's exports, with 180,000 direct employees – 9 per cent of the Czech GDP. Production in 2023 was about 1,400,000 passenger cars + LCVs, making Czechia the № 3 vehicle-manufacturing country in Europe and № 10 in the world.

For this pioneering DVN event, the theme is: “Vehicle Lighting in Czechia: From History to New Tech & Innovation”.



Paul-Henri Matha

DVN Chief Executive Officer and Lighting General Editor

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



PROGRAM

DECEMBER 01, 2025



05:00 pm

REGISTRATION

06:00 pm

KEYNOTE SPEECHES

Moravskoslezský automobilový klastr – Libor Dobeš, Managing Director:

- *Automotive in Czech Republic*

Skoda Auto – Petr Nevrela, Lead Exterior Lighting Designer:

- *Skoda : From history to new Vision O*

OPmobility – Willi Glatter, Engineering & Development Director Lighting:

- *History of Lighting in the Czech Republic*

DVN – Paul Henri Matha, CEO:

- *Future development trends in lighting*

07:00 pm

DEMOCARS' PRESENTATION

07:30 pm

COCKTAIL & DINNER

PROGRAM

DECEMBER 02, 2025



07:30 am **REGISTRATION & COFFEE**

08:15 am **OPENING & WELCOME** – Paul Henri Matha, DVN CEO

08:30 am **SESSION 1 – ADVANCED LIGHTING DEVELOPMENT**

Skoda Auto – Petr Kristl:

- *Lighting development at Skoda Auto*

Forvia – Tomas Sauer, Head of Process Innovation:

- *Virtual reality in development*

ZKW – David Pala, Managing Director:

- *Live Prototype*

Magna – Tomáš Havlík, Global Lead Manager CAE – Lighting:

- *Virtual testing*

Dytron – Josef Svoboda, CEO – General Manager:

- *Model Based System Engineering*

Panel discussion

10:00 am **COFFEE BREAK**

10:30 am **SESSION 2 – REGIONAL DEVELOPMENT – UNIVERSITIES, GOVERNMENT**

University of Ostrava – Jiří Kupka, Deputy Director for Development and Internal Relations, IRAFM- Institute for Research and Applications of Fuzzy Modeling:

- *Applied Mathematics in Industry: IRAFM's Path from Models to Modeling*

VSB – Technical University of Ostrava – Jakub Stolfa, Academic Staff Member, Faculty of Electrical Engineering and Computer Science:

- *Driving Innovation Forward: Research and Skills for a Transforming Automotive Sector*

UPOL – Palacký University Olomouc – Jaromír Fiurásek, Head of Department of Optics:

- *Cooperation with the optical and lighting industry*

UTB Zlín – University of Tomas Bata Zlín – Marek Tomastik, Senior Lecturer, Department of Crisis Management

Brno University of Technology – Petr Baxant, Associate Professor – Lighting Engineering:

- *Measurement of visual and non-visual radiation in automotive*

Local Government Office – Šárka Šimoňáková, Deputy of the Regional Council President

Panel discussion

12:15 pm **LUNCH BREAK**

01:30 pm

SESSION 3 – ADVANCED LIGHTING DEVELOPMENT

OPmobility – David Hynar, Global Expert Front Lighting Innovations:
• *Czech Optics power the first US ADB*

ZKW – Michal Tomeček, Group manager Optics Development:
• *Crystal Z*

Hyundai Mobis – Hana Roh, Senior Optical Engineer:
• *Evaluating Luminance Homogeneity in Signal Lamps*

Endego – Damian Dziedzic, Competence Center Director:
• *Modern ESPs as the Cornerstone of a Sustainable Lighting Ecosystem*

Delo – Christoph Appel, Product Manager Automotive Lighting:
• *High-resolution projection modules: precise and energy-efficient optics alignment by bonding*

EDAG Engineering – Jannes Buthmann, Expert – Light&Vision, Technical lead CoC Lighting:
• *EDAG EDlight + Homogenium – AI based light function detection and measurement evaluation*

TechnoTeam – Tanja Thiele, Application Engineer:
• *System Integration in Automotive Lighting: Choosing and Combining Measurement Systems to Meet Application Needs*

Panel discussion

03:15 pm

COFFEE BREAK

03:45 pm

SESSION 4 – ADVANCED LIGHTING DEVELOPMENT

Pretti – Tomas Gloss, Technical Fellow Optics Development:
• *Cross Car Body Light Concept*

Reichle Technologiezentrum – Maximilian Blackwell, Technical Sales:
• *45 Years of Surfaces: An Evolution from VDI Standards to Advanced Micro Optics*

Magna – Zbynek Carbol, Senior Optical Engineer
• *Optically Efficient Hidden Until Lit*

Forvia – Jaromir Horsinka, Head of system development group:
• *Deffogging in HL*

Uno Minda – Todd C. Morgan, Global Head of Lighting Technologies and Innovation:
• *Czech Technology with a Global Reach*

Docter Optics – Markus Winkler, CTO:
• *Pixel Light Headlamps: cost competitive lens solution*

Lumax

Panel discussion

05:30 pm

CLOSING CEREMONY – AWARD CEREMONY



NanoVents

ENDEGO

EDAG

DELO



[A member of LG]

∞ mobility



ECOGLOSS



TechnoTeam
Bildverarbeitung GmbH

FORVIA



REICHLÉ
TECHNOLOGIEZENTRUM

THE ART OF PERFECTION



MAGNA



Sony DADC