



LIGHTWORKS[®]
PASSION FOR LIGHT

EPIC ONLINE TECHNOLOGY MEETING ON LIGHTING FOR AUTOMOTIVE

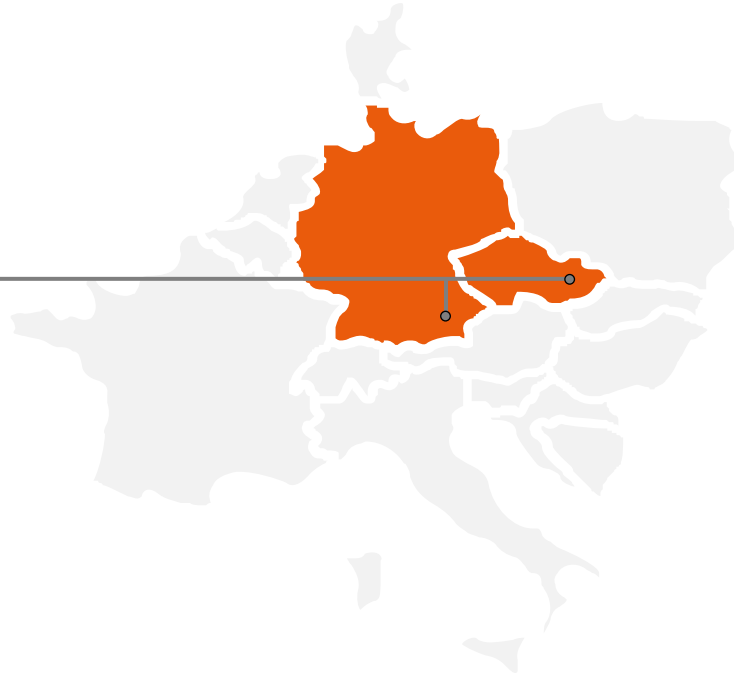
14.02.2022

EPIC Online Technology Meeting on Lighting for Automotive

We are Lightworks GmbH.

Headquarter: HOLZKIRCHEN

Tech Center: OSTRAVA



COMPANY FOUNDATION IN 2011



30 EMPLOYEES

OPT Optical Engineering

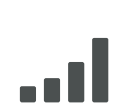
PM Project Management

MD Mechanical Design

E/E Electrical Engineering

DES Design

VR Virtual Reality



OVER 260 LIGHTING PROJECTS
IN THE LAST 3 YEARS

EPIC Online Technology Meeting on Lighting for Automotive

We are developing lighting systems for interior and exterior applications.

INTERIOR KEY APPLICATIONS:

- Surface illumination
- Dynamic lighting
- Projection systems
- Illumination of natural materials & fabrics
- Laser textured surface illumination
- Special applications (e.g. UV applications)



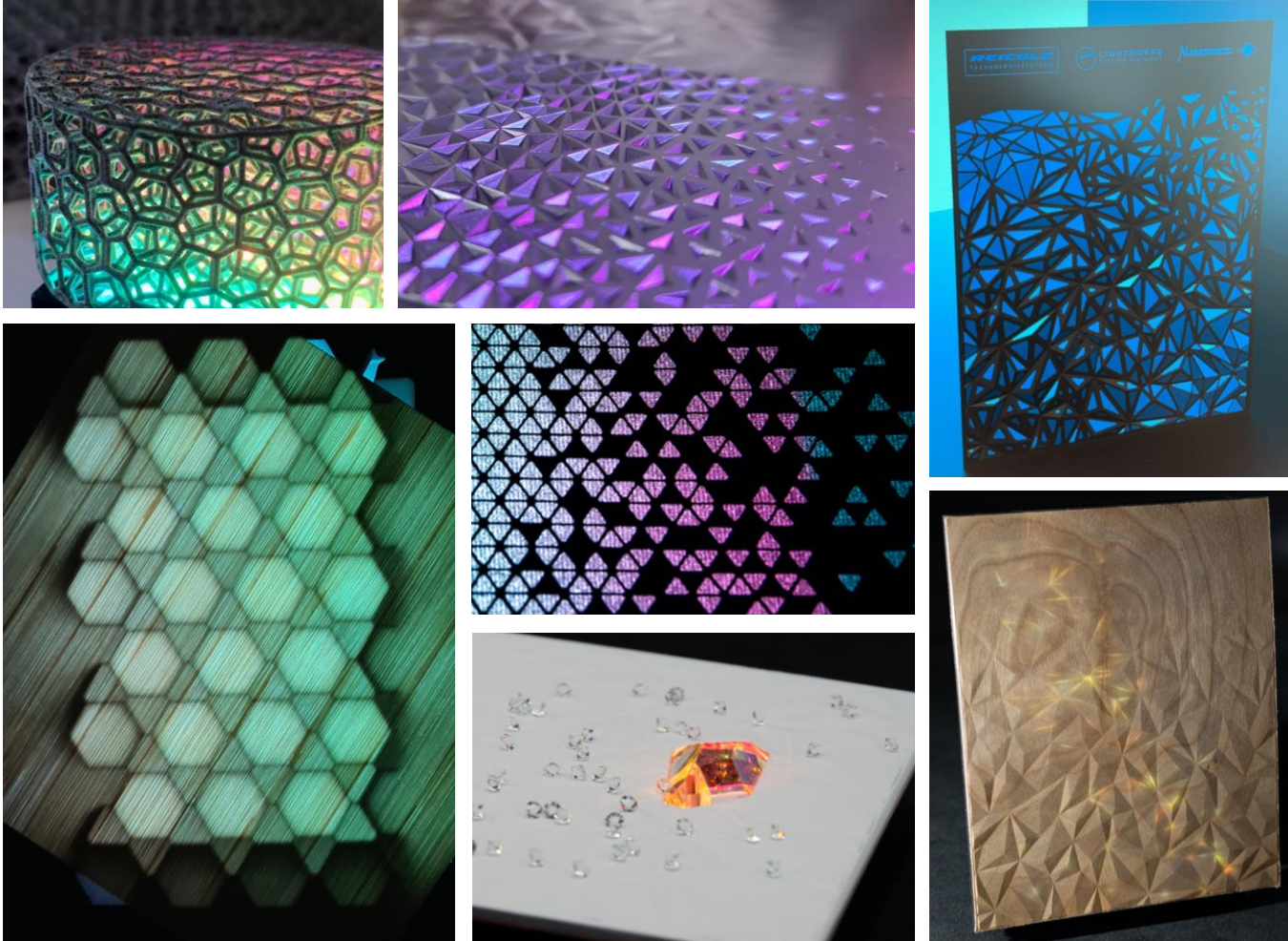
EXTERIOR KEY APPLICATIONS:

- Matrix modules // Pixel modules
- Signal light functions
- 360° car body lighting
- Illuminated grilles, logos, radoms
- Projection systems
- Special applications (e.g. LIDAR integration)



EPIC Online Technology Meeting on Lighting for Automotive

Chances and challenges for interior and exterior lighting applications.



New dimensions of creative freedom



New level of user experiences & services



Fusion of functional and ambient lighting



Integrational and energy requirements



Intelligent light management



Legal requirements and homologation

EPIC Online Technology Meeting on Lighting for Automotive

What are our demands and wishes to the EPIC community?



RGB LEDs for automotive exterior lighting



MicroLEDs and display-like solutions



Industrial application of optical fibers



Automotive projection systems (stat./dyn.)



Functional and decorative films



3D displays and other holographic products



GET IN TOUCH

Mathias RÖNNFELDT
Technical Director



Lightworks GmbH
Bahnhofplatz 2
83607 Holzkirchen
GERMANY



+ 49 (0) 151 17 16 27 79



[Lightworks | LinkedIn](#)



lightworks-gmbh.com



roennfeldt@lightworks-gmbh.com