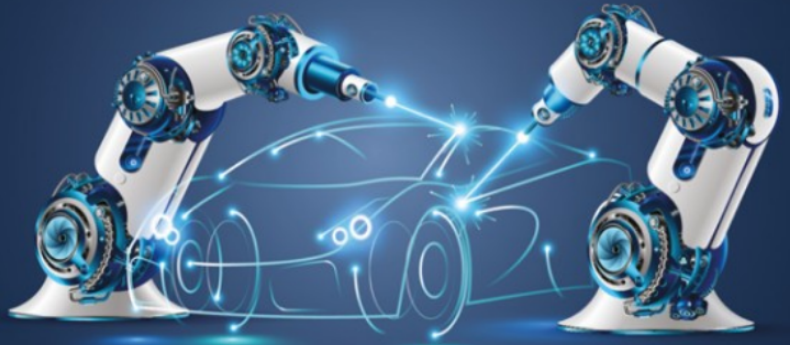


# Photonics 4.0

The Future of Mobility



SPECTARIS  
German Industry Association

24 & 25 November 2020  
Virtual Conference

Photonics 4.0 Conference 2020  
The Future of Mobility

Registration:

[www.photonics40.com](http://www.photonics40.com)

Contact Person:

Dr. Wenko Sueptitz  
Head of Photonics Division  
+49 30 414021-0  
[photonics@spectaris.de](mailto:photonics@spectaris.de)

Organizer:

SPECTARIS GmbH  
Werderscher Markt 15  
10117 Berlin, Germany  
[www.spectaris.de](http://www.spectaris.de)

In cooperation with:



Scientific Society for  
Laser Technology

## PROGRAM

Photonics 4.0 Conference 2020

### The Future of Mobility

Photonics' Role for the Future of Mobility & Insights on the Industry

In 2020, the Photonics 4.0 Conference is scheduled as a virtual conference with speakers from several continents who will present their expert views on the role of photonics for the future of mobility and exchange insights into the industry.

The current state of the art in the photonics industry is highlighted with special attention on the automotive industry.

Participants have the opportunity to discuss with the speakers and other attendees and to meet our partners in the virtual exhibition area.

First Day – 24 November

- |           |  |
|-----------|--|
| 13:00 CET | <b>Wenko Sueptitz</b><br>SPECTARIS<br><a href="#">Introduction</a>   |
| 13:10 CET | <b>Jan-Erik Kaellhammer</b><br>Veoneer<br><a href="#">Mobility as Key Topic of the Agenda of the European Technology Platform Photonics21</a>  |
| 13:30 CET | <b>Thomas Gimpel</b><br>Research Centre for Energy Storage Technologies (EST),<br>Clausthal University of Technology<br><a href="#">Hydrogen Mobility – Where Photonics Comes In</a> |
| 14:00 CET | <b>Falk Nagel</b><br>Coherent<br><a href="#">How New Laser Technologies Can Advance Your Battery Manufacturing</a>   |

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14:40 CET DISCUSSION

15:00 CET BREAK

16:00 CET **Jeff Hecht**  
Freelancer  
[Challenges of Self Driving Cars](#)

16:30 CET **Erik Bach**  
Lucid Motors  
[Industry Perspective of an Automobile Developer](#)

17:00 CET **Florian Petit**  
Blickfeld  
[Lidar for Assisted and Autonomous Driving](#)

17:30 CET DISCUSSION

Second Day – 25 November

In cooperation with:

**WLT**  
Scientific Society for  
Laser Technology

13:00 CET **Albert Heuberger**  
Fraunhofer Institute for Integrated Circuits IIS  
[N.N.](#)

13:30 CET **Roman Kleindienst**  
ZEISS New Venture MicroOptics  
[Innovative Market Shaping Solutions for the Automotive and Consumer Industry with ZEISS Multifunctional Smart Glass](#)

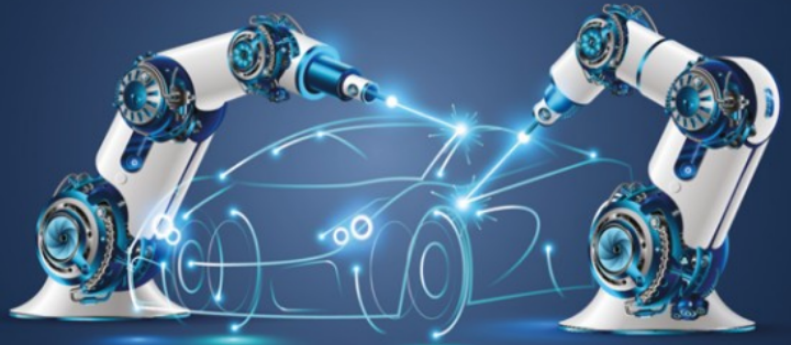
14:00 CET **Sachin Gambhire**  
Trumpf India  
[Laser Processing in Indian Car Manufacturing](#)

14:30 CET DISCUSSION

15:00 CET BREAK

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- 16:00 CET **Bo Gu**  
BOS Photonics  
[Lasers in China's Automotive Industry](#)
- 16:30 CET **Santiago Pomposiello**  
Laserline USA  
[Laser Processing in South American Car Plants](#)
- 17:00 CET **Constantin Häfner**  
Fraunhofer Institute for Laser Technology ILT  
[N.N.](#)
- 17:30 CET DISCUSSION & WRAP-UP

In cooperation with:

**WLT**

Scientific Society for  
Laser Technology