



Automotive & Photonics

BLOC 1: LIDAR | 10.00-12.00 | 9.00-11.00

Israel time | German time

- 10.00-10.05 | 09.00-09.05** **Welcome**
 Shlomo Glaser (Photonics Israel) | Frank Lerch (OpTecBB)
- 10.05-10.15 | 09.05-09.15** **Welcome**
 Elizach Dembiski (Ayalon Highways)
- 10.15-10.25 | 09.15-09.25** **Funding opportunities for collaboration**
 Hagit Schwimmer (Israel innovation Authority)
- 10.25-10.40 | 09.25-09.40** **Sensor Challenges and Prospects for autonomous systems**
 Ofer Neshet (Elbit Systems)
- 10.40-10.55 | 09.40-09.55** **High-performance, solid-state LiDAR sensors and perception software**
 Oren Buskila (Innoviz Technologies)
- 10.55-11.20 | 09.55-10.20** **LIDAR (within the Research Fab Microelectronics Germany) – R&D at component level**
 Christoph Galle (FMD)
- 11.20-11.30 | 10.20-10.30** **Integrated Photonics enabled opportunities in Automotive**
 Carol de Vries (PhotonDelta)
- 11.30-11.40 | 10.30-10.40** **Leveraging telecommunication coherent optics for eye-safe, high performance polarization diverse LIDAR**
 Tim Koene (Effect Photonics)
- 11.40-11.55 | 10.40-10.55** **Solid-state 1550nm FMCW LiDAR. How to leverage the combination of silicon photonics and optics for the next generation LiDAR**
 Davide Canavesi (Scantinel)

BLOC 2: AUTOMOTIVE VISION & SUPPORTING TECHNOLOGIES | 13.00-15.00 | 12.00-14.00

- 13.00-13.05 | 12.00-12.05** **Welcome**
 Frank Lerch (OpTecBB)
- 13.05-13.20 | 12.05-12.20** **Laser Scanning Solutions Based on MEMS Technology**
 Matan Naftali (Maradin)
- 13.20-13.30 | 12.20-12.30** **Lightfield Sensor: A breakthrough for high-resolution long-range 3D Imaging**
 Eduardo Margallo (Ommatidia LiDAR)
- 13.30-13.40 | 12.30-12.40** **3D perception units for embedded data fusion of lidar and 2D imagers**
 Santiago Royo (Beamagine)
- 13.40-13.55 | 12.40-12.55** **GatedVision - clear, complete, homogeneous, long-range imaging**
 Ofer David (Bright way vision)
- 13.55-14.10 | 12.55-13.10** **Imaging systems for automotive applications**
 Thomas Handke (JABIL Optics Germany GmbH)
- 14.10-14.25 | 13.10-13.25** **Autonomous Driving and ADAS Simulation Platform, Driven by AI**
 Danny Atsmon (Cognata)
- 14.25-14.40 | 13.25-13.40** **Single sensor 3D imaging solution**
 Tal Wisner (MultiVuTech)
- 14.40-14.55 | 13.40-13.55** **Addressing low- cost sensing platforms for autonomous vehicles**
 Pietro Perlo (I-FEVS) and Nir Karasikov (Nanomotion)

BLOC 3: NEW BUSINESS MODELS AND LIGHTING | 15.30-17.00 | 14.30-16.00

- 15.30-15.45 | 14.30-14.45** **Welcome**
 Ester Elias (Consul for Economic Affairs, Head of the Economic and Trade Mission to Berlin at the Embassy of Israel in Germany)
- 15.45-15.55 | 14.45-14.55** **Marketplaces - the flux compensator for innovation in mobility**
 Timon Rupp (The Drivery GmbH)
- 15.55-16.05 | 14.55-15.05** **Enable Future Business Models**
 Ann-Sophie Reinelt (HELLA)
- 16.05-16.20 | 15.05-15.20** **Current challenges in exterior lighting and light assistance system**
 Michael Marutzky (IAV GmbH)
- 16.20-16.35 | 15.20-15.35** **A new era for micro-optics manufacturing: European pilot line for free-form micro-optics**
 Rolando Ferrini (CSEM & PHABULOUS)
- 16.35-16.45 | 15.35-15.45** **Projection and Laser Technology for Digital Lighting**
 Gerald Uhlenberg (TQ Engineering)
- 16.45-17.00 | 15.45-16.00** **Corning Incorporated, AutoGrade™ Corning Gorilla Glass & Corning® ColdForm™ Technology: Innovative Solutions for Automotive Applications**
 Khaled Layouni (Corning France)