



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 Shai Soffer (Israel Ministry of Transport and Road Safety)
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 Ofar 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 Ofar 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 Wisser (MultiVuTech)
14.40-14.55	13.40-13.55	ifers, title tbc Pietro Perlo / Nir Karasikov

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 Engeneering)
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)