

# Photonics Talks

Two days of expert led presentations

 **05.+06. May**

 **Hall 3 Booth 419**  **Free Entrance**

## **Tuesday, 05.05.2026**

**9:45 a.m.** Welcome and brief introduction by Rob Fisher, optics.org

### **Defence**

**10.00** **Manufacturing of Ultraprecise Mirrors for Space Applications**

Edmund Optics | Clemens Dicke, Head of Sales & Technology at Edmund Optics son-x GmbH

**10.30** **Unlocking the Potential of Infrared Optics with Advanced Coating Processes**

I-Photonics | Mike Ivanovski, COO & Product owner

**11.00** **Optical metrology solutions for IR lens testing**

Trioptics | Dr Patrik Langehanenberg, Division Manager MPO

**11.30** **Protective windows for advanced optronic defense systems**

Schott | Gernot Weber, Head of Sales EMEA Defense / Astro / Space

**12.00** **Optics and Photonics in Defence: Applications and Market Dynamics**

Tematys | Thierry Robin

**12.30** **Photonics at Scale: Navigating Quality, Complexity, and Growth in a Rapidly Evolving Decade**

Panel Discussion | Rob Fisher, Head of SPIE media

### **Semiconductor manufacturing and inspection**

**14.00** **IBS AR-coated SHG/THG LBO crystals for industrial high-power lasers**

EKSMA | Msc. Otas Dovydenas, Technical Solutions Manager

**14.30** **Global Photonics Industry Update Report**

SPIE | John Yoon, Director of Technology Outreach

**15.30** **Enabling the Future of Precision Optics Manufacturing with Artificial Intelligence**

OptoTech | Michael Feinberg, Managing Director and Business Development Strategist

**16.00** **Photonics for Advanced Semiconductor Manufacturing: Scaling Performance and Capacity in the Era of AI and Data Center Growth**

Panel Discussion | Matt Peach, Editor-in-Chief at optics.org

## **Wednesday, 06.05.2026**

**9:45 a.m.** Welcome by optics.org

### **Automotive Sensors/sensors for autonomous vehicles**

**10.30** Manx Precision Optics | Helmut Kessler, Managing Director

**11.00** **Sensor-algorithm design and performance considerations**

SE Training | Patrick Harding, Algorithm design and performance evaluation engineer

**11.30** **Beamsteering for LiDAR, Security & Defense**

Optotune | David Leuenberger, Head of Product Management at Optotune

**12.00** **Photonics21 and the Strategic Path to FP10**

Photonics 21 | Markus Wilkens, Head of Operations at Photonics

**12.30** **Innovation vs. Industrialisation: Is Europe Struggling to Scale Photonics?**

Panel Discussion | Rob Fisher, Head of SPIE media

### **Life Science/Biophotonics**

**14.00** **Laser-based Optics Manufacturing**

Fraunhofer ILT | Dr. Manuel Jung, Research Associate at Fraunhofer ILT

**14.30** **Adding computational resource to Biophotonics technologies, a new approach to speeding up time to market**

Tematys | Jacques Cohard

**16.00** **The Alignment Problem: Can Photonics Deliver What the Market Demands?**

Panel Discussion | Matt Peach