

# Program Structure

Wednesday, April 22, 2026

Exhibition at Eurogress Aachen (accompanying)

**Technology Business Day**  
Photonic and Laser Markets – Market Data and Insights

ROOM EUROPA

**Target Markets for Laser Solutions**

ROOM BRÜSSEL  
AUTOMOTIVE

ROOM K1  
AEROSPACE

ROOM K4+K5  
ENERGY

ROOM K7+K9  
MICRO-  
ELECTRONICS

ROOM K2  
QUANTUM  
TECHNOLOGY

ROOM K3  
MEDICAL  
TECHNOLOGY

Innovation Award Laser Technology 2026 in the Coronation Hall of Aachen Town Hall (Evening Event)

Thursday, April 23, 2026

Exhibition at Eurogress Aachen (accompanying)

**Gerd Herziger Session**  
New Perspectives for Lasers in Science and Industry

ROOM EUROPA

ROOM K4+K5  
**Additive Manufacturing**  
■ Laser Powder Bed Fusion  
LPBF

ROOM BRÜSSEL  
**Cutting**  
■ Laser Cutting

ROOM K1  
**Laser Beam Sources I**  
■ Solid State Lasers  
and Fiber Lasers

ROOM EUROPA  
**Laser Beam Sources II**  
■ High Energy Lasers  
for Fusion and  
Secondary Sources

Laser Technology Live with around 60 Live Presentations at Fraunhofer ILT

Market Place and Business Exchange at Eurogress (Evening Event „30 Years AKL“)

Friday, April 24, 2026

Exhibition at Eurogress Aachen (accompanying)

ROOM K4+K5  
**Surface Technology**  
■ Laser Material Deposition  
■ Microstructuring  
■ Thin Film Processing  
and Laser-based Optics  
Manufacturing

ROOM BRÜSSEL  
**Optical Systems**  
■ Beam Shaping and Guiding  
  
**Joining**  
■ Joining of Metals  
■ Joining of Plastics and  
Transparent Materials

ROOM K1  
**Laser Beam Sources III**  
■ Ultrashort Pulse Lasers  
■ Lasers with Tailormade  
Wavelengths  
■ Diode Lasers

ROOM EUROPA  
**AI in Photonics**  
■ Process Monitoring  
■ Process Control and  
Optimization  
■ Design and Modeling  
of Laser Processes  
and Optics

**Final Lecture – Looking Ahead: The Future of Digitization and AI in Photonics**

ROOM EUROPA

*Subject to change without notice.*