


# PHOTONICS spectra




## Emerging Technologies Set the Stage for LASER World of PHOTONICS 2025

LASER World of PHOTONICS (LASER Munich) returns to Munich from June 24 to 27, relaunching after an off year in 2024. The trade show and fair convenes industry players and leading companies, spotlighting photonics components, systems, and applications. Event organizers are anticipating more than 40,000 visitors from over 70 countries for the fair's 27th iteration.

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Optikos engineers and technical staff bring together 40+ years of expertise to solve your optical challenges. To see how we can bring your concept to production, or measure and test within challenging optical parameters, visit booth B1.250.



## Featured Exhibitors

### Stradus VersaLSS Multi-Line Laser

Vortran Laser Technology

Vortran's Stradus VersaLase™ (VersaLSS™) systems deliver up to eight laser wavelengths in a compact, integrated platform — ideal for fluorescence microscopy, cytometry, and life science instrumentation. Featuring ultralow noise, exceptional power stability, and fiber-coupled outputs, VersaLSS is engineered for precision and scalability. With digital control via USB or RS-232 and flexible wavelength configurations, VersaLSS is the ultimate solution for demanding biomedical and industrial applications.

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BOOTH A2.103

### WinCamD-GCM

DataRay Inc.

Long-range, scalable GigE Vision beam profiling — using the same sensor as the WinCamD-LCM (11.3 × 11.3 mm active area, 4.2 Mpixels, 5.5 × 5.5 μm pixels, global shutter), the WinCamD-GCM utilizes a GigE Vision® connection for long-range applications (cable lengths up to ~100 m) and can be easily scaled and integrated into existing networks.

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### Meet the Optikos ColliMeter Family

Optikos Corporation

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### Ultra-low Noise Fiber Laser System

HÜBNER Photonics GmbH

HÜBNER Photonics introduces a new series of CW ultra-low noise, single-frequency fiber laser systems. The Ampheia™ Series lasers offer output powers of up to 50 W at 1064 nm and 5 W at 532 nm. With low relative intensity noise (RIN) and <100 kHz linewidth, the lasers are specifically suited for quantum research as well as semiconductor inspection and laser pumping. Take a look — B2.217 @ LWOP.

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BOOTH B2.217

### Ultra-thin Wafers and Substrates

Valley Design Corporation, Headquarters

Ultra-thin wafers, substrates, windows, shims and spacers from all materials are available from Valley Design. Materials include fused silica and glass, ceramics, sapphire and filter glass. Depending on the size, fused silica can be made as thin as 10 - 15 μm thick, Glass and ceramics as thin as 25 μm thick. These ultra-thin parts are polished on both sides, fused silica <7 angstroms, glass 7 - 15 angstroms and ceramics 1 - 2u" Ra.

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### Laser Fusion Splicing

NYFORS Teknologi AB

Glass processing system designed for the production of high power and sensitive photonic components. CO<sub>2</sub> laser system. Fiber splicing. Glass processing. Advanced speciality fiber processing. Designed for the highest demands. NYFORS specializes in providing state-of-the-art fiber optic solutions for a wide range of industries. We are proud to introduce our SMARTSPLICER, designed to meet the unique needs of our customers.

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BOOTH B1.248

### FastFBR: Yb-Doped PM Fibers

INO

Designed for pulsed lasers and gain modules, INO's FastFBR series offers a high-performance line of polarization-maintaining fibers built on INO's low photodarkening core chemistry. Its tailored refractive index profile ensures exceptional output beam quality and operational reliability. Whether you're working with low, medium, or high-power laser systems, there's a FastFBR Yb-doped fiber engineered for any amplification stage. Visit INO during Laser Munich at Booth A2.230, Hall A2 to learn more.

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BOOTH A2.230

### DENA 32 – WI-SNSPD Launch Offer

Pixel Photonics GmbH

Meet DENA 32, a turnkey single-photon detector system with 32 WI-SNSPD channels for C-band: >80% SDE, <50 ps jitter, >100 MHz count rates. Scalable to 64 channels. Fully integrated cryostat, vacuum pump, and electronics in a compact rack or desktop unit. Launch offer: 10 units for €200,000 each — limited availability! Secure yours before August 31. Live at World of Quantum, Booth A1.113.

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