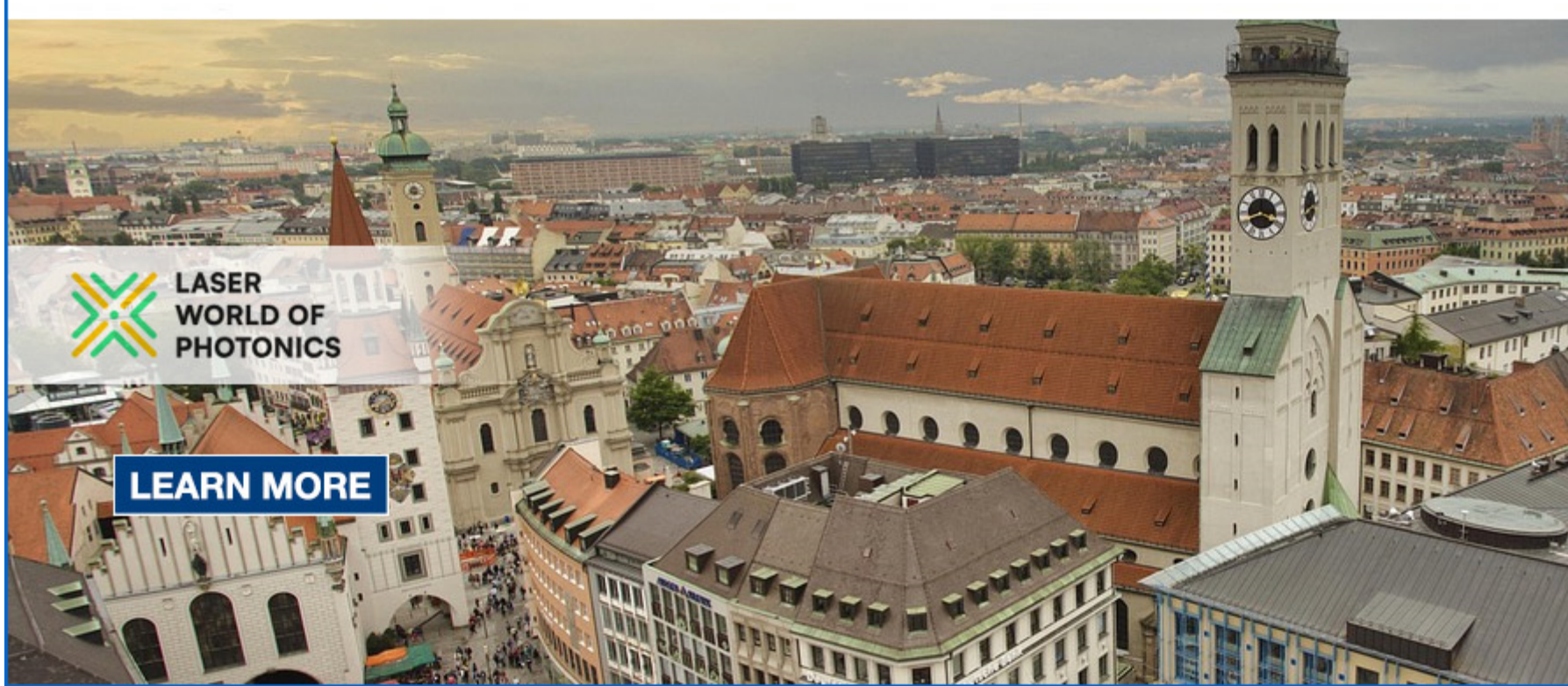


PHOTONICS spectra



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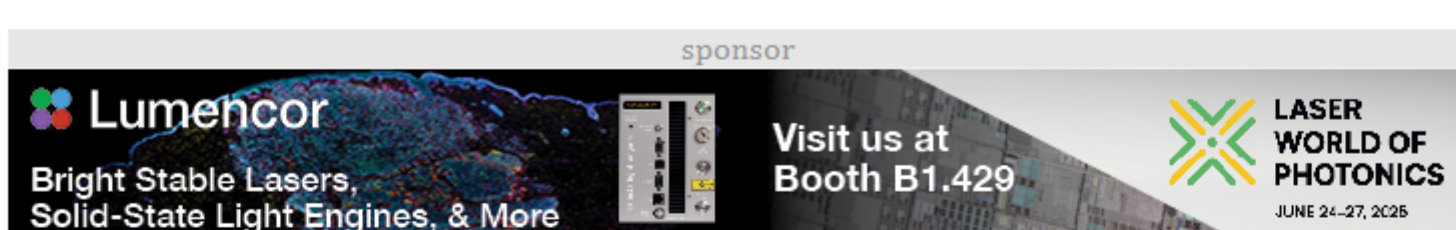
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Emerging Technologies Set the Stage for LASER World of PHOTONICS 2025

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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Featured Exhibitors

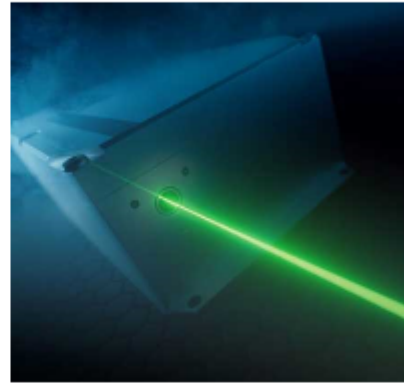
GEMultra DPSS Laser

Novanta Photonics, Precision Medicine & Manufacturing

Overcome DPSS 532 nm laser specification breakdown and sub-par performance with stable power output despite changes in operating or ambient temperatures. Engineered for the extreme with temperature fluctuation protection, greater power output, and impressive spectral stability from the new air-cooled design. The ideal solution for in-line Raman spectroscopy, metrology, and semiconductor inspection applications.

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In-Line Fiber Speckle Homogenizer

OZ Optics Limited

OZ Optics' new In-Line Multimode Fiber Speckle Homogenizer reduces speckle contrast by over 90% at 100 Hz, delivering uniform illumination for multimode fiber systems. Ideal for life sciences, flow cytometry, laser projection, and metrology, it supports broad UV to NIR wavelengths.

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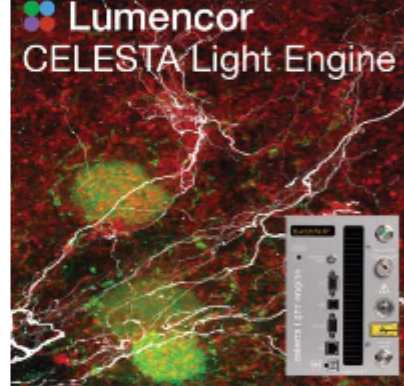
CELESTA Light Engine

Lumencor Inc.

CELESTA Light Engine houses seven lasers in a turnkey illuminator for fluorescence confocal spinning disk microscopy and spatially resolved transcriptomics. 1000 mW/color from the end of an optical fiber is powerful, intense, quiet, reproducible, and consistent. High-end imaging and OEM instrumentation are well supported. Meet us at Laser World of Photonics Booth B1.429 to learn more.

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BOOTH B1.429

ImSym - Imaging System Simulator

Synopsys Inc., Optical Solutions Group

ImSym is an imaging system virtual prototyping platform that supports the entire imaging system pipeline, from the initial concept to the final output. The platform's user-friendly interface allows you to navigate through different stages of the simulation process effortlessly. Discover how ImSym addresses challenges in mobile camera lens design, focusing on cost reduction without compromising image quality.

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BOOTH B2.307

BrixXHUB Ultra Laser Light Engine

Omicron-Laserage Laserprodukte GmbH

Introducing the BrixXHUB Ultra by Omicron-Laser, a highly integrated plug & play system ideal for widefield laser illumination. With up to 6 lasers and 6 modulation inputs, it offers unparalleled flexibility. Equipped with safety features, accessories, and seamless integration, it ensures optimal performance and adaptability. Visit us at booth B2.115 and learn more about our laser- and LED-light solutions.

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BOOTH B2.115

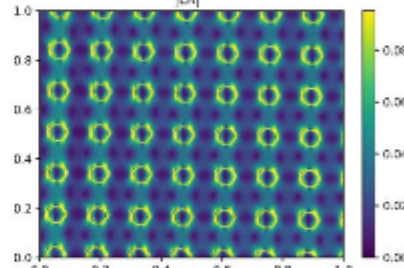
Full Mueller Matrix Imager

Hinds Instruments Inc.

The new Mueller Imager is used to generate an image of the polarization properties of your sample. Estimated Specifications: * Mueller matrix precision to +/-0.001 * Measurement of linear dichroism (+/-0.001), linear dichroism angle (+/-0.05 degrees*), circular dichroism (+/-0.001), linear retardance (+/-0.1 nm at 633 nm), angle of the fast axis (+/-0.05 degrees*), and optical rotation (+/-0.05 degrees). * Angle resolution is specified near maximal linear extinction or linear retardance.

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Next-Gen FT-NIR Spectroscopy

Hamamatsu Corporation

The new FTIR Engine is a compact, high-speed FT-NIR spectrometer featuring a MEMS-based Michelson interferometer for real-time analysis. Its small size and Ethernet interface enable fast data transfer and easy integration into inline systems. Covering 1100-2500 nm with high SNR, it ensures precise, rapid measurements of solids, liquids, and powders — even in tight spaces.

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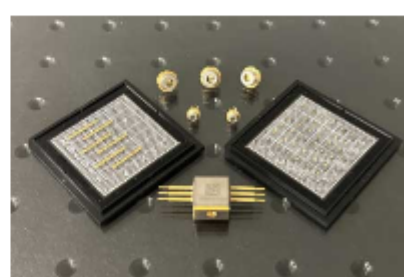
GaN Lasers

Kyocera SLD Laser (KSLD)

KYOCERA SLD Laser, Inc. is the only US-based GaN laser company – fully vertically integrated including wafer growth. We offer laser chips, chip-on-submount, and bars in a variety of wavelengths including 405, 520, and 445nm. Offering multi-Watt multimode chips, high power single mode, frequency narrowed, custom SLEDs and laser-phosphor white light sources.

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UV Acousto-Optic Deflector Series

G&H

G&H's AODF-UV Series offers unmatched UV acousto-optic deflection for wavelengths from 364-266 nm and below. With over 85% diffraction efficiency and the flattest frequency response, achieve superior consistency across scan angles. Crafted with the highest-quality TeO2 crystals and backed by G&H's vertical integration, this solution ensures unparalleled reliability, flexibility, and high-volume production capability. Optimize your process and master high-speed scanning applications with G&H — the leader in UV AO deflectors.

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