



SPIE. PHOTONICS WEST

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Photonics West Gears up for 2025 Showcase

San Francisco's Moscone Center will play host once again to the optics and photonics industries' premiere event from Jan. 25 to 30, 2025. Photonics West 2025 will feature more than 5000 technical presentations, and show organizers are expected to welcome more than 1500 exhibiting companies from around the world. Visitors will be able to explore the long-standing BiOS Expo and Photonics West Exhibition as well as the Quantum West Expo, which was introduced in 2024.

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sponsor

Nanopositioning Systems • Micropositioners & Decks
 AFM & NSOM • Single Molecule Microscopes • Custom Solutions

Visit us at SPIE Bios #8525 – Photonics West #3525

Featured Exhibitors

High Resolution Wavelength Meter

Bristol Instruments Inc.

Bristol's 872 Series Laser Wavelength Meter is ideal for laser stabilization applications such as atomic cooling and trapping. The 872 system offers a frequency resolution as high as 200 kHz, resulting in exceptional sensitivity to small wavelength deviations. Combine with an optional multi-laser PID controller and fiber optic switch for a complete system to stabilize up to eight lasers. Visit us at Booth #228 to learn more.



BOOTH 228

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Industrial Power Meter

MKS Ophir, Light & Measurement

Ophir® Helios Pro industrial power meter is a robust, compact device that measures the energy from a short exposure of high-power lasers from 100 W - 12 kW and provides the power. Supports wavelengths of 450 - 550 nm, 900 - 1100 nm. Monitors pulse shape and compensates for slow pulse rise time. Mountable in any orientation. A diffuser enables measurements of small beams in restricted places. Easily integrates into manufacturing networks. Ideal for Li-Ion battery welding, other high-power applications.



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Nanopositioners, Microstages & AFM

Mad City Labs Inc.

Mad City Labs offers a complete product line of high precision piezo nanopositioners, micropositioners, single molecule microscopes, and atomic force microscopes (AFM/NSOM). Applications — photonics, quantum sensing, metrology, microscopy, interferometry, spectroscopy, and astronomy. Unique PicoQ® sensors in our nanopositioners yield picometer precision and ultra-low noise performance. Custom solutions for UHV, sensitive environments. New! MMP-UHV50 micropositioner, MadAFM™ sample scanning AFM. SPIE BiOS #8525 & SPIE Photonics West #3525.



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New Optical Materials from Panacol

Panacol-Elosol GmbH

Panacol will showcase its new optical grade resins designed for imprint and optical bonding. These UV-curable adhesives offer superior adhesion to glass, PET, PC, and COP substrates, ideal for micro- and nanoimprint lithography. Highlighted products include Vitralit® UC 1633, known for its yellowing resistance, and Vitralit® BL UC 1103, a black UV adhesive for optical shading. These materials work seamlessly with curing systems from Hönle.



BOOTH 4112

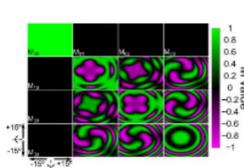
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Mueller Matrix Imaging

Hinds Instruments Inc.

The new Mueller Matrix MicroImager 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 (+/-0.1nm at 633nm), 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.



BOOTH 3316

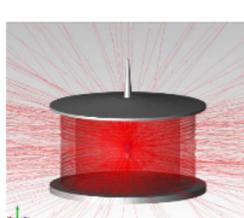
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TracePro: Optical Design Software

Lambda Research Corporation

TracePro® is the go-to optical design software for lighting, displays, and imaging systems. Advanced ray tracing, stray light analysis, and optimization tools simplify complex designs. The new Sequence Editor adds sequential ray tracing, spot diagrams, and beam analysis, seamlessly integrating with CAD tools. Recent updates enhance analysis speed and CAD interoperability for photonics, aerospace, and medical applications.



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Custom OEM Opt Components Systems

Holographix LLC

Design and manufacture of OEM custom replicated optical components and modules including gratings, MLAs, DOEs, waveguides, and more. Advanced replication technology ensures high-fidelity reproduction of micro- and nano-scale structures. We enable innovations in photonics, optics, and instrumentation, offering scalable cost-effective solutions.



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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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Laser Autofocus Systems

Prior Scientific Inc.

The PureFocus850 laser autofocus system (850 nm standard, wavelength options avail) is the fastest most versatile focusing solution for infinity-corrected optical systems for both life science and industrial samples. As an independent sensor, or with pulse and direction and analog (0-10V) output options, Prior Scientific integrates our automation products (stepper, servo, and piezo motion devices) to deliver complete robust solutions for most focusing applications. See the PureFocus850 at booth #3431.



BOOTH 3431

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