

PHOTONICS spectra

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Nanoscience, Organic Photonics Headline SPIE Optics + Photonics 2024

Returning to the San Diego Convention Center, the SPIE Optics + Photonics trade show will run Aug. 18-22 with the exhibition portion of the conference set for Aug. 20-22. Attendees can expect over 1900 presentations in a multitude of photonics-related fields. Optics + Photonics 2024 will comprise sessions in over 40 conference topics, with plenary talks, technical presentations, and industry courses offered with professional development opportunities and an onsite job fair.

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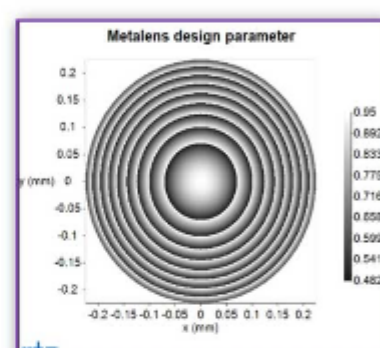
Visit us at SPIE Optics + Photonics #619

Featured Exhibitors

MetaOptic Design in CODE V

Synopsys Inc., Optical Solutions Group

The CODE V MetaOptic Design add-on supports a significant advancement in optical technology by enabling the design of meta optical surfaces. With CODE V MetaOptic Design, you can combine ray tracing with electromagnetic field solvers to simplify the design of imaging systems that include both conventional optics and metalenses. Visit our website to learn more.



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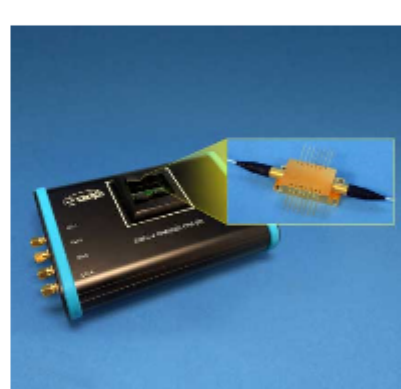
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OZ Optics Limited

OZ Optics is a leading manufacturer of polarization maintaining fiber components & test equipment; including polarization entangled photon sources, high-speed polarization controllers-scramblers, patch cords, fixed coil delay lines, variable delay lines, gyro coils, splitters, combiners, fused couplers, directional taps/monitors, 1 × 2 switches, isolators/circulators, Faraday rotators/analyzers, polarization extinction ratio meters, polarized sources, PDL emulators, polarizers, collimators/focusers, tapered/lensed fibers, mode field adaptors, and fiber hermetic feedthrus.



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Tools for the Nanoscale

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). Applications — photonics, quantum sensing, metrology, microscopy, interferometry, imaging, and astronomy. Our nanopositioners feature PicoQ[®] sensors with picometer precision and low noise performance. Discover our innovative micro-to-pico scale positioning solutions by visiting us. New! MMP Series modular micropositioners with longer travel. Standard lead times 30-60 days.



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Hinds Instruments Inc.

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DataRay Inc.

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 to ~100 m) and can be easily scaled and integrated into existing networks. Features include: GigE Vision connectivity, 355 to 1150 nm, standard CMOS detector, 5.5 μm pixels, 2500:1 Signal to RMS Noise, Global shutter with TTL trigger.



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