

SPIE Photonics West 2023




SPIE announces finalists for 2023 Prism Awards


Cutting-edge technologies and companies ranging from exciting and emerging startups to longtime industry stalwarts are among this year's finalists for the SPIE Prism Awards. The 24 companies, across eight categories, will be honored during a 1 February 2023 gala evening at SPIE Photonics West.

[Read More](#)

sponsor



Nanopositioning Systems • Micropositioners
AFM & NSOM • Single Molecule Microscopes
Visit us at SPIE Bios #8225 – Photonics West #3225

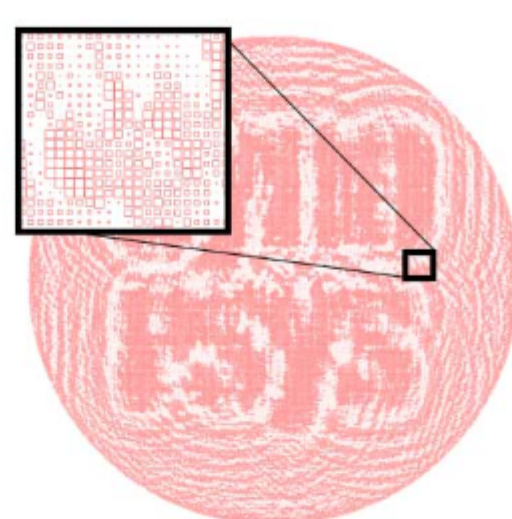


Featured Exhibitors

MetaOptic Designer

From: Synopsys Inc., Optical Solutions Group

With built-in engineering intelligence, MetaOptic Designer allows designers at all levels of expertise to create novel metalens designs quickly and easily. Efficient optimization and simulation algorithms generate accurate results, validated by a rigorous finite-difference time-domain method. MetaOptic Designer's powerful, user-friendly interface significantly reduces design-to-validation cycles. Visit us at booth #1343.

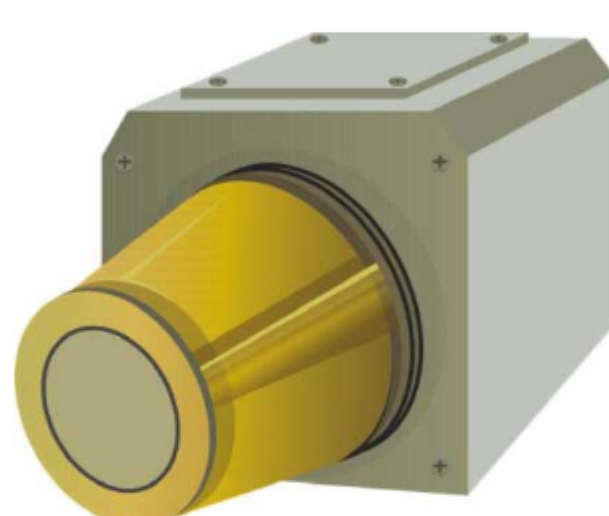


[Visit Website](#) [Request Info](#)

Window Housing Assemblies

From: Materion Balzers Optics

Materion Balzers Optics now offers window housing assemblies with coated Si or Ge windows, soldered onto Kovar or Alloy 42 housings with a very low amount of voids in the solder joint. Typical filter constraints to separate the fluorescence signal from the excitation laser are discussed in the presentation by Rich Koba. Visit us at booth #3003.



[Visit Website](#) [Request Info](#)

Nanopositioners, Microstages & AFM

From: Mad City Labs Inc.

Mad City Labs offers a complete product line of high-precision piezo nanopositioners, microscope stages, micropositioners, single molecule microscopes, and atomic force microscopes (AFM). Applications include photonics, metrology, microscopy, and astronomy. Our nanopositioners feature proprietary PicoQ[®] sensors yielding picometer precision and low noise performance. Discover our innovative micro-to-pico scale positioning and instrument solutions by visiting us. Custom/OEM enquiries please contact our technical sales team. Lead times < 60 days. Visit us at booth #3225.



[Visit Website](#) [Request Info](#)

Innovation in NIR Spectroscopy

From: Broadcom Inc.

This pocket-size spectrometer sets new standards in NIR sensing between 950 and 1700 nm. The reliable and cost-effective Qneo offers premium sensitivity even without cooling! OEM systems can easily be adapted with the Qneo to improve and scale up high-volume applications. The main focus of Broadcom's UV-VIS-NIR spectrometer series is on integration, therefore reliability and robustness are granted. Meet us at the German Pavilion, booth #4105-12.



[Visit Website](#) [Request Info](#)

Industrial Laser Monitoring System

From: DataRay Inc.

The ILMS is designed for profiling focused, high-power industrial lasers and combines reimaging/magnification optics, a beam sampler, and a beam profiler to measure small beam waists which would otherwise damage a traditional profiling system. Magnification of the focused beam allows measurement of beam spots as small as a few microns, and the software automatically accounts for the magnification of the system, so results do not require post processing or corrections. Visit us at booth #3150.



[Visit Website](#) [Request Info](#)

Innovative Optics

From: Optimax Systems Inc.

Optimax is America's largest optics manufacturer. On the cutting edge of future applications, we offer a wide range of capabilities and custom solutions to support our customer's programs, including aspheres, cylinders, freeforms, prisms, spheres, and advanced e-beam, APS, IAD, and IBS coatings. Visit us at booth #249.



[Visit Website](#) [Request Info](#)

FREDmpc

From: Photon Engineering LLC

Unleash your engineering creativity and inquisitive mind with FREDMPC. Predict performance with higher confidence by tracing orders of magnitude, more rays, through your system. Experiment by varying more parameters to find the optimum hardware configuration. Ask more "What if...?" questions. Investigate a larger trade space in a fraction of the time. Run more analyses at higher fidelity than ever before. It's all possible with FREDMPC.

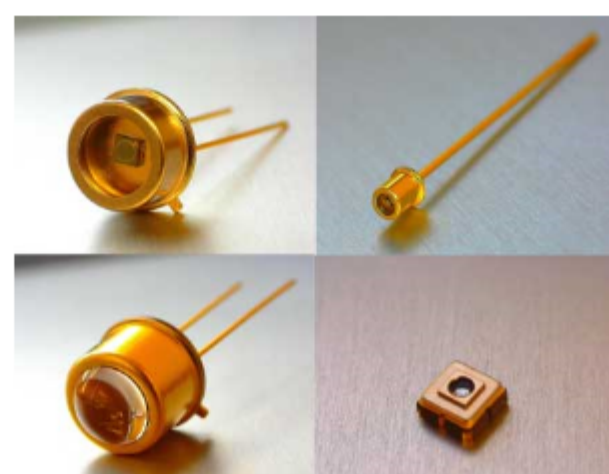


[Visit Website](#) [Request Info](#)

New Line of 2.6 μm InGaAs Detectors

From: Marktech Optoelectronics Inc.

Marktech is introducing a new line of 2.6 μm extended InGaAs Detectors with low dark current, high sensitivity, high speed, low noise, excellent linearity, high quantum efficiency, low-temperature coefficient of sensitivity, better shunt resistance, improved low operating temperature performance, and durability combined with an extended lifetime at a reasonable cost. Visit us at booth #239.



[Visit Website](#) [Request Info](#)

We respect your time and privacy. You are receiving this email because you are a Photonics Spectra magazine subscriber. You may use the links below to manage your subscriptions or contact us.

Questions: info@photonics.com

[Unsubscribe](#) | [Subscribe](#) | [Subscriptions](#) | [Privacy Policy](#) | [Terms and Conditions of Use](#)

Photonics Media, 100 West St., PO Box 4949, Pittsfield, MA 01202-4949
© 1996 - 2023 Laurin Publishing. All rights reserved. Photonics.com is Registered with the U.S. Patent & Trademark Office. Reproduction in whole or in part without permission is prohibited.