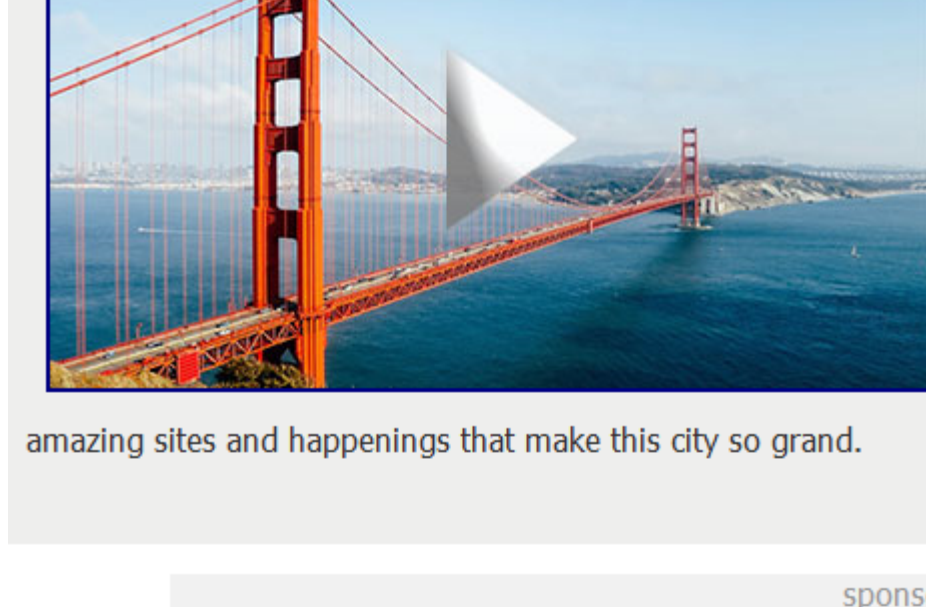




SPIE Photonics West – San Francisco, CA

January 30 - February 1

An advanced look at the products, trends and technologies being presented.



Something for Everyone in San Francisco!
A number of events will be happening when the photonics industry arrives in San Francisco next week. From comedy shows and live music ... to art shows and museums ... there is definitely something for everyone in the city by the bay.

It's the place to be for any technology enthusiast, nature lover, foodie or history buff, and home to some of the world's most popular attractions. So while you're in San Francisco for Photonics West, find time for some of these amazing sites and happenings that make this city so grand.

[Watch Video](#)

sponsor

DESIGNED FOR THE HIGHEST DEMANDS
ADVANCED SOLUTIONS FOR SPECIALTY FIBER PROCESSING

VISIT US IN BOOTH
#4545

Featured Exhibitors

Embedded Imaging Solutions Design

From: Critical Link LLC

Critical Link's depth of experience in image sensor technology, SoC & FPGA design, vision protocols, and signal processing uniquely position us as a premier development partner in imaging system design. Visit booth #210 at Photonics West to demo our latest industrial-quality embedded imaging platforms ranging from <1 megapixel up to 50 megapixels and register to win a free embedded imaging development kit.



Visit us: Booth 210

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

Customized OEM Optical Systems

From: Prior Scientific Inc.

Prior Scientific manufactures products for automated microscopy systems. Our exhibit will feature several off-the-shelf components and custom OEM designs including: precision XY stages, nanopositioners, laser focusing optics, filter changers, illumination systems and robotic sample handling systems. Visit us at booth #118 to discuss your OEM product design or contract manufacturing requirements with our sales engineers!



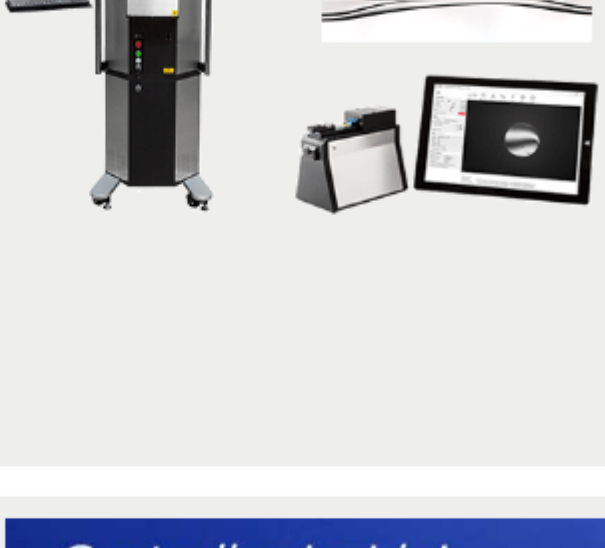
Visit us: Booth 118

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

Glass Processing System

From: NYFORS Teknolog AB

The NYFORS SMARTSPLICER is a CO₂ laser glass processing system designed for the production of high power and sensitive photonics components. It offers contamination free splicing, repeatable performance and low maintenance. Splicing and tapering can be performed with glass diameters of up to 2.5 mm. It also offers bundling and many other glass shaping processes. NYFORS provides automated high precision solutions for fibre preparation such as stripping, cleaving, recoating, cleave quality inspection, proof testing and analyzing.



Visit us: Booth 4545

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

Microstage Has Controller Inside

From: New Scale Technologies Inc.

Precision M3 microstages have built-in controllers. They are ready to plug-and-play directly with your system processor and 3-6 VDC power supply. No separate control board needed! You achieve smallest system size, fastest time to market, and lowest total cost. Discover the easiest, most cost-effective way to embed precision motion into your system. Create smaller, more advanced microscopes, spectroscopy instruments, camera systems and more. Embedded motion systems make great products smaller!



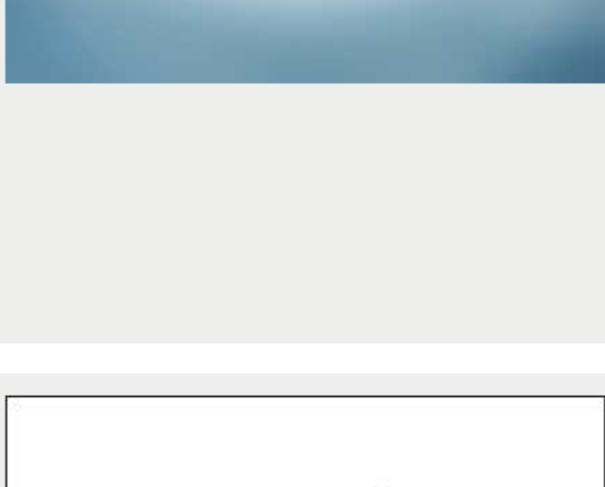
Visit us: Booth 225

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

Micro Optics for Laser Diodes

From: FISBA AG

FISBA manufactures custom micro-optics for laser diodes, which include FACs, single-emitter SACs and SAC arrays and FBTs. For diode lasers to reach their full potential, output beams must be shaped to optimize optical quality. FISBA's components enable this precise collimation and beam shaping. FACs collimate the beam in the fast axis, but to fully collimate the diode output beam, they should be combined with other micro-optical components.



Visit us: Booth 1825

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

Ultimate Stability!

From: Siskiyou Corp.

Our new IXF series mounts use matched CTE materials to take our popular IXF mounts to the next level of stability. Siskiyou now offers variations for 3.0" & 4.0" mirrors as well.



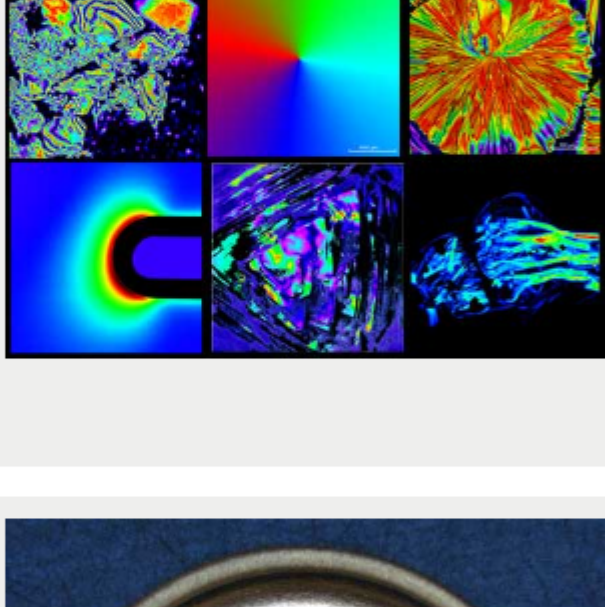
Visit us: Booth 1246

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

Polarization Imaging

From: Hinds Instruments Inc.

Increase your speed and enjoy quantified data while examining collagen samples, imaging myelin, viewing microscopic defects in diamond and analyzing stress in glass, film, polymers and liquid crystal. Using the Exicor MicroImager measures retardance from 0 to 315nm in a matter of seconds with a spatial resolution of up to 0.7µm. Phase Unwrapping technology and our advanced 4 wavelength system allows retardance measurements up to 3500nm for highly birefringence samples.



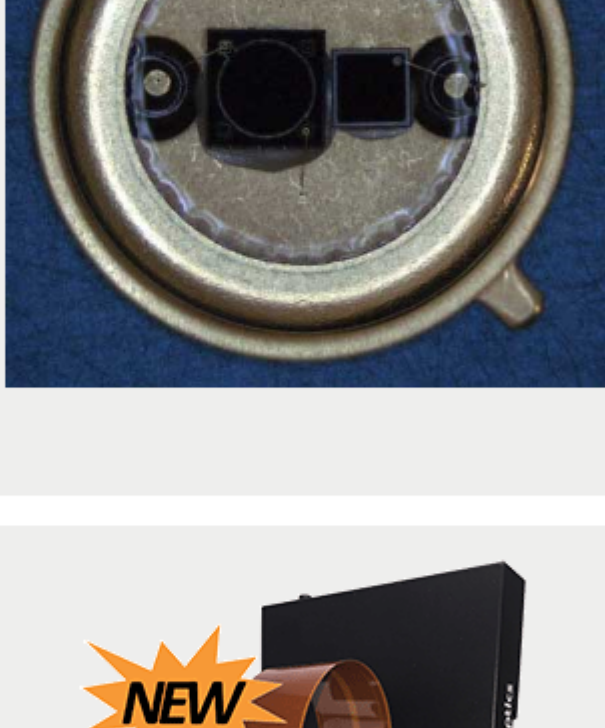
Visit us: Booth 1613

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

Optimized For 365nm Si PD Process

From: Marktech Optoelectronics

SERIES 4 was designed for use @365nm (.22A/W) or in Blue/Green applications requiring very high sensitivity, low noise and long term stability against UV and Gamma Radiation. These photodiodes are well suited for measurements in photometry, analytical systems as well as fluorescence measurements. In addition to the optimized blue and UV spectral range, the photodiode can be used for measurements in the entire wavelength range between 300nm and 1100nm.



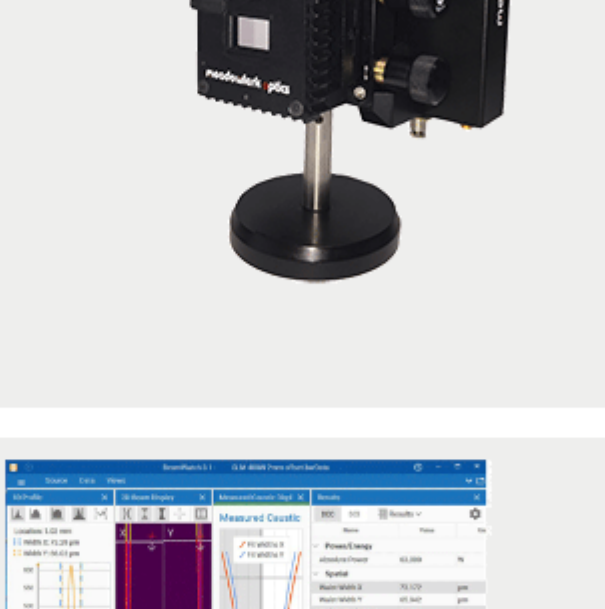
Visit us: Booth 221

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

1920 x 1152 Phase SLM - Speeds up to 714 Hz

From: Meadowlark Optics Inc.

NEW high-speed (up to 714 Hz), high resolution (1920 x 1152), high-power capability (up to 15 GW/cm²) phase SLMs now available. All of Meadowlark's reflective SLMs incorporate analog addressing with high refresh rates to provide the lowest phase ripple specifications available. Users can select standard- or high-speed liquid crystal for optimal performance for wavelengths from 405 - 1550 nm.



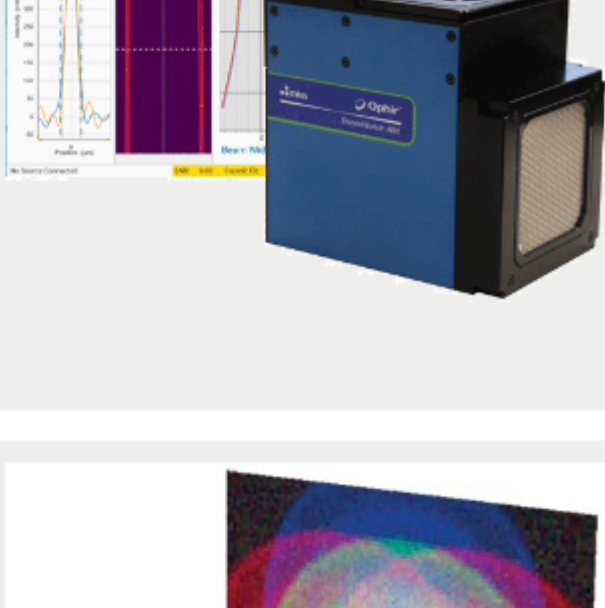
Visit us: Booth 1916

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

BeamWatch® AM

From: Ophir, Photonics

Ophir® BeamWatch® AM is the industry's first non-contact laser beam monitoring for real-time measurement of focal shift during laser startup, compact of powder bed fusion manufacturing processes. Measures key beam size, position, and quality parameters, including focus spot size and beam caustic. Allows users to more easily determine when beam is aligned and in focus, providing more consistent metallurgy. Displays as tabular, 2D, 3D.



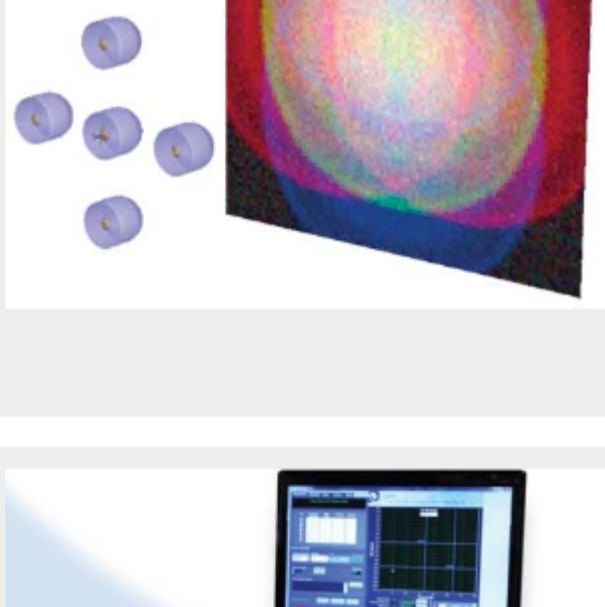
Visit us: Booth 507

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

FRED^{MPC}

From: Photon Engineering LLC

Unleash your engineering creativity and inquisitive mind with FRED^{MPC}. 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 FRED^{MPC}.



Visit us: Booth 124 & 126

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

Phase Noise/Linewidth Test System

From: OEwaves Inc.

Complete high-performance laser phase/frequency noise & linewidth measurement system based on proprietary homodyne detection and high-speed signal processing algorithm to enable fast and simple measurement with unmatched phase/frequency noise floor, customizable over multiple input wavelength bands of ~600nm to over 4µm, and measurable across wide offset frequency ranges up to 2GHz. No other equipment or reference source is required. Optional RIN measurement is available up to 40GHz.



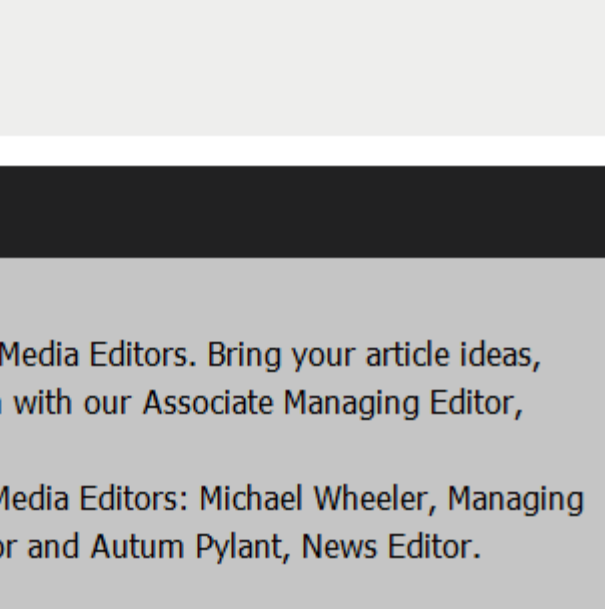
Visit us: Booth 3047

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

CW Single-Frequency DPSS Lasers

From: UniKLasers Ltd.

UniKLasers CW single-frequency DPSS lasers at patented wavelength from NIR to UV using a single engineering platform based on patented BRaMMS technology. UniKLasers' products, all ultra-compact & air-cooled: Quartetto-266, Duetto-532, 515, 442, 360, 355, 349, 320 & Solo-1064, 720, 698, 640, 607, 523 offer exceptional performance, high conversion efficiency, 100m+ coherence length, low noise, various power levels, lowest power consumption & smallest footprint for given output up to 3W.



Visit us: Booth 317, BIOS Booth 8214

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

PHOTONICS MEDIA

We hope to see you at the following events!

Saturday, January 27th at 3:00 PM: Meet the Photonics Media Editors. Bring your article ideas, questions and comments and enjoy informal conversation with our Associate Managing Editor, Marcia Stamell. BIOS booth 8735.

Tuesday, January 30th at 3:00 PM: Meet the Photonics Media Editors: Michael Wheeler, Managing Editor; Marcia Stamell, Associate Managing Editor; Justine Murphy, Senior Editor and Autum Pylant, News Editor.

Wednesday, January 31st from 2:00 - 4:00 PM. Meet the Author, Sarah Boisvert. Sarah will be on hand to talk about her new book, *The New Collar Workforce*. And as always, you can visit us online at www.photonics.com

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 - 2018 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.