



SHAPE TOMORROW'S BREAKTHROUGHS
WITH THE BROADEST SELECTION
OF OPTICAL FIBER Explore our solutions

Polymicro
TECHNOLOGIES
A Subsidiary of **molex**

Sneak Preview

Photonics West, San Francisco, CA, Feb. 2-7, 2013

Issue 3 January 29, 2013

PHOTONICS MEDIA

THE PULSE OF THE INDUSTRY



High-Performance Cooled IR Cameras

Sofradir EC has introduced a range of **high-performance infrared detectors, SWaP engines and cameras** that cover the SW, MW, and LW infrared spectral band. A variety of features are available, including adjustable frame rate and integration time, less than 20mK sensitivity and programmable trigger functions.

 **Sofradir-EC Inc.** www.ircores.com see us at booth 1034

New Hamamatsu Products

HAMAMATSU

Visit booth 1313 to see Hamamatsu's **newest products**. These include MEMS devices, micro-PMT, MPPC (Si PM), CMOS and CCD image sensors, InGaAs sensors, thermopiles, mini-spectrometers, QCL, UV light sources, TDI solutions, and OEM cameras. See you at Photonics West 2013.

 **Hamamatsu Corporation** sales.hamamatsu.com see us at booth 1313



Polymicro Optical Fibers

Delivering tight dimensional control, **Polymicro fibers** are designed to withstand harsh environments, including extreme temperatures, radiation, and chemical exposure. Fibers are available with numerical apertures ranging from 0.11 to 0.66 and with a wide variety of claddings and coatings.

 **Polymicro Technologies** www.polymicro.com see us at booth 8323

AFL LAZERMaster™ Laser Splicing System

Developed and manufactured by AFL in conjunction with Fujikura, AFL's **LZM-100 LAZERMaster™** is the first commercially available glass processing and splicing system that uses a CO₂ laser heat source to perform splicing, adiabatic tapering and other glass-shaping operations. See demos at Booth #231.



 **AFL** www.AFLglobal.com see us at booth 231



Smarter, Ultra-Bright, UV-Vis Light Source

The groundbreaking EQ-99 Series of Laser-Driven Light Sources just got smarter. Energetiq introduces the **EQ-99 Manager** with USB interface and shutter control to its long-life, broadband LDLS™ range.

 **Energetiq Technology** www.energetiq.com see us at booth 330

2 Micron Mode-Locked Fiber Laser

High power mode-locked fiber laser operating in the 2 micron spectral region, with peak power up to 10 kW and pulse width at < 4 picoseconds, provides new capabilities for research and applications in mid-IR generation and spectroscopy.




 **AdValue Photonics** www.advaluephotonics.com see us at booth 828 and 6032



PI-MAX4 RF ICCD Camera

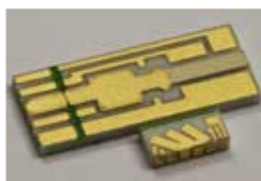
Princeton Instruments' powerful **PI-MAX4:1024i-RF** camera enables frequency domain measurements for fluorescence lifetime studies using minimal external equipment. It utilizes a fiber-optically coupled ICCD camera and affords users


comprehensive control of experiments via Princeton Instruments 64-bit LightField® software.

 **Princeton Instruments** www.princetoninstruments.com see us at booth 2117

Laser & Photo Diodes, LED Submount

Remtec has expanded its product offerings for optoelectronic packaging. Products include economical laser diode **submounts** with Zero Pullback® metallization and 25-75 µm copper, photo diode submounts and LED substrates on Alumina, BeO and AlN, all with low cost selective AuSn plating.



 **Remtec, Inc.** www.remtec.com see us at booth 5422



TAG Lens 2.0: Using Sound to Shape Light

Come see the award winning **TAG Lens 2.0** in action at TAG Optics' booth (5522) and be sure to check out our website to learn about our unique patented technology that makes the TAG Lens the fastest variable focus and high depth-of-field device on the market.

 **TAG Optics Inc.** www.tagoptics.com see us at booth 5522

Photonics West 2013

We're just days away from the premier optics and photonics trade show - SPIE Photonics West 2013. Meetings have been scheduled, symposia and workshops have been flagged, and social events and networking opportunities planned. If you still have some free time, here are a few work – and play – options to consider adding to your schedule.

» Social and Networking Events

With more than 17,000 attendees, SPIE Photonics West is always a great place to network with colleagues and make some new connections. The conference's organized social and networking events include the Women in Optics Panel and Roundtable on Monday, Feb. 4, which will feature a mentoring panel for women in science and technology moderated by Michelle Xu of UC Berkeley, followed by a round-table discussion.

A Speed Networking Social on the afternoon of Tuesday, Feb. 5, represents the next generation in networking. Add a new contact to your network every three minutes while enjoying appetizers at an off-site venue. Bring plenty of business cards, practice your pitch, and prepare to expand your network!

» While in the Bay Area

All aboard an icon! The San Francisco Cable Car system is the world's last operational manually operated cable car system and is our nation's only moving national monument. The iconic cable cars operate much as they did on August 2, 1873 when Andrew S. Hallidie guided the first car down the Clay Street grade. Two of the three cable car lines stop in Fisherman's Wharf - one of the most significant tourist sites in the city. Fisherman's Wharf is best known for being the location of Pier 39, San Francisco Maritime National Historical Park, the Cannery Shopping Center, Ghirardelli Square, a Ripley's Believe it or Not museum, the Wax Museum at Fisherman's Wharf, Forbes Island and restaurants and stands that serve fresh seafood - most notably Dungeness crab and clam chowder.

» Break for Wine Country

Just north of San Francisco is the world-renowned Napa Valley wine country. One of the most luxurious ways to experience this beautiful countryside is to climb aboard the Napa Valley Wine Train, which offers a relaxing three hour, 36-mile trip from the historic town of Napa through one of the world's most famous wine valleys to the quaint village of St. Helena and back. Truly a unique dining experience, guests of the Wine Train can enjoy the seasonal menu and view the vineyards and wineries from any of the vintage rail cars that have been lavishly restored, while sipping some of the region's finest wines. For more information, visit: www.winetrain.com

» Stop by our booth

Are you a Light Master? Visit Photonics Media at booths 8600 (BiOS Expo) and 600 and 601 (Photonics West Exhibition) and find out! In addition to playing our new interactive game, you have the chance to appear on camera for our Light Matters weekly newscast and register for cool giveaways, such as a Google Nexus 7 tablet and a chance to win a \$300 Amazon gift certificate. And, as always, you can visit us online at www.photonics.com

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