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Sneak Preview

PHOTONICS) MEDIA THE PULSE OF THE INDUSTRY Photonics West, San Francisco, Calif., Feb. 1-6, 2014

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event for the laser and







AFL

LAZERMaster™ Laser Splicing System

AFL's LAZERMaster glass processing and splicing system uses a CO2 laser heat source rather than electrodes, ensuring repeatable performance, low maintenance, and eliminating electrode or filament maintenance and instability. Ideal for ultra-high strength splicing, adiabatic tapering and other glass-shaping operations.

See us at booth 115

www.AFLglobal.com

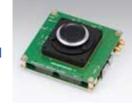
www.hamamatsu.com

www.qioptiq.com

Cameras for OEMs

Hamamatsu Corporation

Visit booth 1313 to see Hamamatsu's new sCMOS and TDI-CCD board-level cameras for OEMs, which feature high sensitivity and high speed. We also design and build customized cameras, so contact us to discuss your needs.



See us at booth 1313



Qioptiq

Qioptiq NEW 561nm iFLEX-iRIS Laser

Qioptig introduces the new iFLEX-iRIS laser series at BIOS and Photonics West. These highly-stable, miniature lasers with integrated smart electronics are now also available at new wavelengths: 561nm and 532nm. Options include single-mode kineFLEX fiber optic delivery for all wavelengths.

See us at booth 1323

Relentless Precision

Siskiyou Corporation

With over 40 years experience, Siskiyou has been designing and manufacturing both catalog and custom OEM products. We are now offering a 2.00" version of our popular IXF monolithic flexure mounts, available in front-adjust standard and new top adjust.



www.siskiyou.com

www.exciton.com

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See us at booth 2400



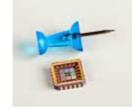
Transforming Light

- Laser Dyes
- Fluorescent Dyes
- Selective Wavelength Filter Dyes
- Infrared Dyes

Exciton, inc.

Compact Multispectral Sensors

New PixelSensor™ multispectral sensors pack 8 wavelength-selective photodetectors into a tiny 9mm square - enhancing measurements with more signal & less noise. One PixelSensor typically replaces 10-20 components, simplifying designs for applicationspecific spectroscopy and handheld devices. Customized OEM versions also available.



PIXELTEO

See us at booth 1723



OCT Imaging Products

Axsun Technologies, the leading provider of healthcare OCT imaging subsystems, offers the industry's most advanced OCT imaging products. Axsun's new wide-bandwidth swept laser engines and data-acquisition products enable superb ultrafast, high-resolution imaging with outstanding depth range across a variety of applications. Contact Axsun today to learn more about the next generation of OCT engines and data-acquisition and spectroscopy products.

Axsun Technologies

See us at booth 315



3-D Optical Microscopes Bruker's 3-D optical microscopes provide the speed and repeatability for precision 3-D surface measurements. With specialized instruments for advanced QA/QC and R&D precision machining and manufacturing applications, Bruker has a 3-D optical microscopy solution that will fit your application.



Bruker Nano Surfaces

See us at booth 5215 www.bruker.com/nano



Interconnectable Optical Components

Interconnectable electro-optical components for research, industrial and biomedical applications, including OEM. Create application specific electro-optical sub systems. Products include broadband, tunable, CW and pulsed illuminators, PMT and InGaAs detectors, monochromators, light guides, sample compartments, optical choppers and more.



Optical Building

See us at booth 5037



TAG Lens: Using Sound to Shape Light

Come see the world's fastest varifocal lens: TAG Optics will be demonstrating the awardwinning TAG Lens and how it adds functionality to existing products from inspection and biological microscopes to laser processing systems. Visit us and learn how extended depth-of-field and ultra-fast variable-focus can enhance optical capabilities.



TAG Optics Inc.

See us at booth 5244



We're Celebrating 60 years! When and how did you get your start

www.tagoptics.com

in the photonics industry? Share your answer at the Photonics Media booths (700 & 701)

at Photonics West between 10 a.m. **Light Matters** and 12 p.m. on Tuesday, February 4. You could appear on Light Matters **Weekly Newscast** weekly newscast.

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LIGHT EXCHANGE

2014 Photonics West

SPIE Photonics West is the largest and most influential photonics community in North America. And this year's conference in San

Francisco will feature an expanded industry track for tech startups, investors, and executives, with panel discussions on what startups need for success, promising technology commercialization prospects, and insights on funding biophotonics ventures, just to name a few.

strong program that is designed to drive economic growth in the photonics industry, stimulate new ideas, accelerate technology transfer, foster new partnerships, and spark innovation," said SPIE Senior Director Andrew Brown. Biophotonics is an example of current

"This year's added events enrich an already-

opportunity, says Linda Smith (Ceres Technical Advisers), moderator of one of the new panels for business management. Smith characterized the field as a fertile ground for investment and economic growth, with a robust market for private placements in development-stage and highgrowth biophotonics businesses.

Panels include:

Financing Life Sciences and Healthcare Ventures, moderated by Smith, with panelists including Omar Amirana (Allied Minds), Faz Bashi (Angel Capital Association), Jeremy Salesin (Intellectual Ventures) and Jonathan Wyler (SV Life Sciences Advisers).

What Startups Need to be Successful, moderated by Andrea Belz (Belz Consulting) with an introduction by Arun Chhabra, co-founder at 8tree, winner of the 2013 SPIE Startup Challenge, and panelists James Schaefer (Mark Schaefer Associates), Ken Irato (Faber Group), Liz Nevis (Intermolecular), and Ellen McGuirk (Masterplan Consulting).

Silicon Photonics and Photonic Integrated Circuits, moderated by SPIE Marketing and Industry Relations Director Peter Hallett, with panelists Radha Nagarajan (Infinera), Mario Paniccia (Intel), Vladimir Kozlov (LightCounting), Peter De Dobbelaere (Luxtera), and Ashok Krishnamoorthy (Oracle).

Green Photonics: A Solar Revolution, moderated by Stephen Eglash, Energy and Environment Affiliates Program, Stanford University, with panelists Homer Antoniadis (DuPont), Raffi Garabedian (First Solar), and Martin Green (University of New South Wales).

Executive Perspectives on the World of Optics and Photonics, moderated by SPIE Industry and Market Analyst Stephen Anderson.

A new Technology-Transfer Showcase aims to

connect creators with companies, said moderator David Wick, Licensing Executive at Sandia National Labs. "Universities and labs are hotbeds of wildly creative ideas," he said. "The trick is turning those ideas into cost-effective, reliable products and introducing them to the marketplace."

Presentations will feature John Dexheimer (Private Equity Investing) on startup financing, David Krohn (Light Wave Venture) on photonics commercialization, and SPIE's Anderson on the economic impact of the industry and growth trends in photonics.

Stop by our booths!

Visit Photonics Media at Booth 8701 during BiOS or Booths 700 and 701 during Photonics West, pick up the inaugural issue of Photonics Media's Industrial Photonics magazine or the January issue of our flagship publication, Photonics Spectra. Test your "light IQ" by playing our Light Masters game of photonics industry logos and/or trivia during the BiOS exhibition and you're registered for the drawing of a Google Nexus 7 tablet. There will also be Nexus 7 drawings daily for Light Masters players during the Photonics West Exhibition, as well as a random drawing on Feb. 6 for \$300 in gift cards from Amazon! And as always, you can visit us online at www.photonics.com

photonics.com