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Photonics West, San Francisco, Calif., Feb. 1-6, 2014

PHOTONICS MEDIA

THE PULSE OF THE INDUSTRY

Issue 1 January 7, 2014

LIGHT EXCHANGE

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ATOM 80 Uncooled 80 x 80 Camera Core

Ideal for OEMs seeking affordable **thermal imaging cores** for sensing and low-resolution infrared applications. Applications include: smart sensors including intrusion detection, people counting, traffic monitoring, temperature control and non-contact temperature measurement.

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Knight Optical is a quality driven global supplier of optical solutions. Established for over 20 years we provide precision components for wide ranging applications. Supporting global **scientific, defense, medical, engineering, oil and gas industries**, we have earned a reputation for excellence.

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LBP2 Series Laser Beam Profilers

Newport's new **LBP2 Series Laser Beam Profilers** are available with a visible (190 - 1100 nm) CCD camera or a phosphor coated (1440 - 1605 nm) CCD camera. Both cameras are also available in a 640 x 480 low resolution array or a 1600 x 1200 high resolution array.

Newport Corporation

www.newport.com

See us at booth 1301

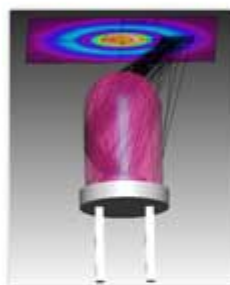
LightTools

Version 8.1 of **LightTools** illumination design software delivers new modeling and analysis features for general lighting, automotive and biomedical applications, as well as speed improvements for tracing backward rays and generating photorealistic images.

Synopsys, Optical Solutions Group

optics.synopsys.com

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OFS manufactures the broadest range of specialty optical fibers, cables, assemblies, and modules. From our groundbreaking **plinx™** Optical Fiber Cables to our **Fiber Laser Building Blocks**, we have an optical fiber solution that's right for your industry.

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High-Volume Custom Optics Manufacturer

Since 1947, **LaCroix Optical Co.** has positioned itself as a premier domestic volume and prototype manufacturer of custom precision optics. Products include lenses, achromats, aspheres, windows, mirrors, prisms and wedges. We are ISO 9001:2008 certified and ITAR registered and compliant.

LaCroix Optical Co.

www.lacroixoptical.com

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Precision Polymer Optics

G-S Plastic Optics has a rich tradition of producing high-performance **injection molded polymer optics** for the military and civilian night-vision and visible-range sighting industries in addition to the consumer, medical, LED lighting, biomedical, and analytical instrument marketplaces.

G-S PLASTIC OPTICS

www.gsoptics.com

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2014 Photonics West

SPIE Photonics West is the largest and most influential event for the laser and photonics community in North America, featuring 20,000 attendees, two exhibitions, 1300 exhibiting companies, a wide range of papers on biomedical optics, biophotonics, translational research, industrial lasers, optoelectronics, microfabrication, optical MEMS, and more.

As always, the conference features the BIOS, OPTO, LASE, MEMS/MOEMS, NANO, and Green Photonics tracks. A highlight of BIOS is the Hot Topics in Biomedical Optics plenary session, where the latest technical breakthroughs are presented by leading worldwide experts. This year, the program features presentations on the hot topics of diffuse optical methods for assessing breast cancer chemotherapy, optical spectroscopy and tomography of oxygen delivery, single-cell photonic nanocavity probes and new small quantum dots for neuroscience.

Bound to be popular during the MEMS/MOEMS conference are presentations on tailoring light for optically-guided nano- and microassembly, bio-integrated and bio-inspired optical microsystems, and electrostatic nano electromechanical switches for energy-efficient digital systems.

But the Photonics West experience is more than technical papers and the exhibitions. These six days in San Francisco are filled with networking opportunities and new insights, such as the Women in Optics Panel and Reception, the always-crowded Photonics West Welcome Reception, and the Speed Networking Social.

Professional development events and events for members and students are also included in the jam-packed week of the conference.

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

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