photonics.com

Facebook and Twitter

Follow Photonics Media on

FEATURED VIDEO

Krell Technologies - REV Fiber Optic Micro-

Polisher

Rev is a highly cost-effective system that provides the ability to

compliance. Rev is ideal for laboratory and R&D applications, as

sponsor

Can your supplier

meet the demands

of your applications?

57 Cambridge Technology

sponsor

Higher Performance. Better Price.

MOVING LIGHT, YEARS AHEAD."

polish optical connectors and bare fibers with Telcordia

well as field termination and cable assembly repair.

LIGHT EXCHANGE



Plasmonic Nanobubbles Destroy Some Cells, Treat Others

A single laser blast can activate plasmonic nanobubbles that selectively kill diseased cells while at the same time treating others, and leaving neighboring healthy cells untouched. The unique tunable technique developed at Rice University shows promise for replacing several difficult processes now used to treat cancer patients, among others, with a fast, simple, multifunctional

Read Article >>







Fiber Optic 'Wrench' Twists, Turns Tiny Particles

The fiber optic equivalent of the world's smallest wrench, dubbed the fiber optic spanner, was developed at the University of Texas at Arlington and can precisely twist and turn microscale objects in any direction and along any axis without moving any optical component.

Read Article >>







18 Firms to Vie for \$94M at Invest in Photonics

Eighteen emerging technology companies from around Europe were selected for a special funding session at the two-day international business partnering convention Invest in Photonics next week in Bordeaux, France, a growing industrial region for lasers, optics and photonics.

Read Article >>









NIR Imaging Gets Big Boost

Studying arterial diseases and therapies just got easier, thanks to a new fluorescence imaging technique called NIR-II developed at Stanford University. The method allows visualization of the blood flow of living animals with unprecedented clarity.

Read Article >>













OZ Optics Limited



Full HDTV sCMOS Camera Photonic Science



Custom Advanced Optical Components Optometrics Corp.



Illuminance Spectrophotometer Allied Scientific Pro



In this week's special biophotonics-themed edition of the industry's premier weekly newscast: A fiber optic wrench twists and turns tiny particles, near-infrared imaging gets a big boost, an x-ray laser helps fight sleeping sickness, and implantable silk micromirrors enhance imaging. Hosted by Photonics Media's Laura Marshall and Melinda Rose.

Camera Images Aurora Hyperspectrally

The first-ever hyperspectral pictures of the aurora borealis, or northern lights, revealed a previously unknown atmospheric phenomenon: A very faint wave pattern of unknown origin in the lower atmosphere.

Read Article >>











pco.

www.alluxa.com

Testing for 100G?







Implantable Silk Micromirrors Enhance Imaging

X-ray Laser Helps Fight Sleeping Sickness

Photon Funnel Captures Wider Spectrum of Sun's Rays

Silk-based implantable optics that significantly enhance tissue imaging can simultaneously enable photothermal therapy, monitor drug delivery and administer drugs, said Fiorenzo Omenetto of Tufts University.

A weak spot in the parasite that causes African sleeping sickness, a disease that kills an estimated 30,000 people each year, has been mapped using an x-ray laser, pinpointing a promising new target for treating the fly-borne illness.

Read Article >>

whole new field of research.

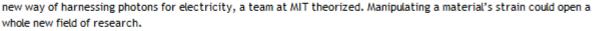
Read Article >>



Share















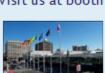
Tektronix Can Help with the Complexities

Tektronix[,]

Industry Events

Read Article >>

ASCB 52nd Annual Meeting - December 15 - 19, 2012 · San Francisco, CA Visit us at booth 1201



ASCB is the premier international cell biology meeting for scientists and students in academia, industry, government and higher education. Engage with more than 3000 poster presentations and attend over 100 scientific sessions, science discussion tables, symposia and minisymposia sessions, workshops and a Frontier symposia that will synthesize current, exciting progress in the field. The 2012 event features will also include an exhibit of more than 350 companies, education initiative forums, a postdoc/student town hall council meeting and keynote presentations by US Secretary of Energy Steven Chu and Arthur D. Levinson, chair of Genentech Inc. and Apple Inc.

MORE EVENTS >>

Automate 2013 - January 21 - 24, 2013 · Chicago, IL



Automate - formerly the International Robots, Vision & Motion Control Show - is the largest solutions-based showcase of automation technologies in North America. The biennial event demonstrates the latest robotics, vision, motion control and automation technologies and solutions for a broad array of industries. The 2013 event features four full days of classes taught by experienced industry professionals, Certified Vision Professional (CVP) basic and advanced certification opportunities, and keynote presentations on the impact of robotics on economic growth and navigating the new political climate for business growth and success.

MORE EVENTS >>

PHOTONICS buyers' guide

Looking for **Imaging and sensing** products? Search the Photonics Buyers' Guide or Browse these product categories:

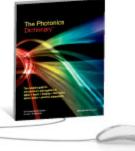


Machine-Vision Lenses Multispectral Measurement

Cameras

Optical Pellicles Photonics Component Manufacturing Equipment Slow Motion Cameras Video Microscopes

At a loss for words?



Check the Photonics Dictionary at

PhotonicsDictionary.com

Unsubscribe: http://www.photonics.com/Newsletter/EmailUnsubscribe.aspx

Questions: pr@photonics.com

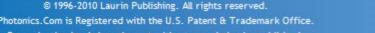
Subscribe | Manage Subscriptions | Privacy Policy | Terms and Conditions of Use

LIGHT EXCHANGE

Follow Photonics Media on Facebook and Twitter







PHOTONICS