


sponsor



LightMachinery
Excellence in Lasers and Optics

A better excimer laser. The IPEX-700.

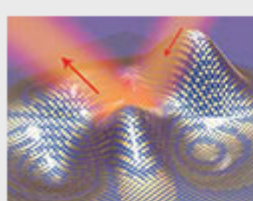
www.lightmachinery.com



PHOTONICS.com

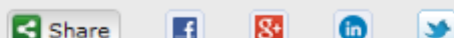
Thursday, September 24, 2015

Metamaterial 'Skin Cloak' Makes Microscale Object Invisible



An ultrathin metasurface that has been used to hide microscopic objects could be scaled up to provide visible-light cloaking of macroscale objects.

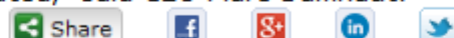
[Read Article >>](#)



Euresys Eyes Growth after Management Buyout

"We have some ambitious growth plans in place and we expect to continue with our current business strategy, with further organic growth anticipated," said CEO Marc Damhaut.

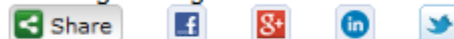
[Read Article >>](#)



ClearLight Diagnostics to Commercialize Tissue Clearing, Microscope Technology

Transparent tissue imaging technology developed by professor Karl Deisseroth and colleagues at Stanford University has been licensed to ClearLight Diagnostics.

[Read Article >>](#)



Featured Products



Precisely the Right Semiconductor Laser

National Laser Co. Known as one of the highest quality replacement lasers, the NLC Cylindrical laser outlives and outperforms competitive models.

[More info >>](#)



Thin-Film Coatings

OptoSigma Corp. For more than twenty years, OptoSigma has been at the forefront of the optical components industry, manufacturing thin-film coatings to precision standards.

[More info >>](#)



InGaAs Photodiodes

Fermionics Opto-Technology Fermionics manufactures InGaAs photodiodes for data, voice, and video communications, large-area photodiodes for instrumentation and sensing applications, optical receivers and linear and digital arrays.

[More info >>](#)



Laser Safety Portable Barriers

Kentek Corporation Kentek's portable barriers are an alternative to laser safety curtain systems and are available in Flex-Guard™, Ever-Guard® and laser-safe acrylic materials.

[More info >>](#)

[More Articles on Photonics.com](#)

Laser Ablation Boosts GaAs Terahertz Emission



While there is still no cheap and efficient way to mass produce terahertz emitters, laser ablation can increase the output of GaAs, a common semiconductor used in these devices.

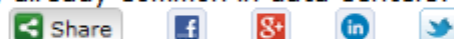
[Read Article >>](#)



Fiber Industry Group Pushes SWDM for Data Centers

The SWDM Alliance will promote shortwave wavelength division multiplexing technology, which increases the capacity of multimode fiber (MMF) already common in data centers.

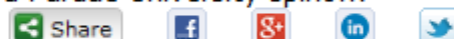
[Read Article >>](#)



Startup Wins \$744K NSF Grant to Develop Microscope for Drug Testing

Based on fluorescence imaging and spectroscopy techniques, the biodynamic microscope is being developed by Animated Dynamics Inc. (AniDyn), a Purdue University spinoff.

[Read Article >>](#)

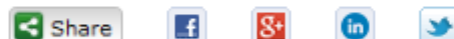


Join Photonics Media's discussion group on **LinkedIn!** It's a forum for all things photonics, where you can keep up with the latest industry happenings and post your own company news and product announcements.

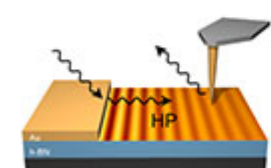
EM Imaging Licenses Fluorescence Imaging Agent for Early Detection of Bowel Cancer

Fluorescence colonoscopy in patients receiving intravenous EMI-137 enabled the visualization of all neoplastic polyps that were visible with light, as well as previously missed polyps that were not visible with white light alone.

[Read Article >>](#)



Combined Techniques Image Movement of Confined Light



The work lays the foundations for studying the precise manner in which light travels through complex optical systems at the subwavelength scale.

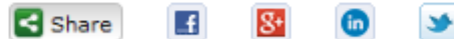
[Read Article >>](#)



3D Data Captured with 2D Camera

With a few modifications and expanded processing capabilities, standard digital cameras can extract detailed 3D information from a single exposure.

[Read Article >>](#)



Industry Events



Photonex 2015 - Oct. 14-15 · Coventry, England
This event provides researchers and industry engineers with the opportunity to meet the U.K.'s top supplier companies, innovators and leading science groups and to attend the Enlighten Conference, which covers applications, technology advances, innovations and emerging technologies.
[More info >>](#)

CALL FOR ARTICLES!



Photonics Media is currently seeking technical feature articles on a variety of topics for publication in our magazines (*Photonics Spectra*, *Industrial Photonics*, *BioPhotonics* and *EuroPhotonics*). Please submit an informal 100-word abstract to Group Publisher Karen Newman at karen.newman@photonics.com

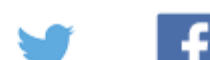
Questions: pr@photonics.com

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

[Subscribe](#) | [Manage Subscriptions](#) | [Privacy Policy](#) | [Terms and Conditions of Use](#)



THE PULSE OF THE INDUSTRY



FEATURED VIDEO



Edmund Optics – Discovering DIC Microscopy

Join Stefaan Vandendriessche as he demonstrates a Differential Interference Contrast (DIC) microscope built from stock components found in the Edmund Optics catalog. Stefaan will also show how a DIC microscope can be used to enhance the contrast of object features that are otherwise difficult to observe using traditional microscopy techniques.

sponsor

SPIE SMART STRUCTURES NDE

SMART STRUCTURES NDE

Applied technologies of advanced materials, smart sensor networks, non-destructive evaluation, and structural health monitoring.

REGISTER TODAY

Conferences & Course: 25-29 March 2017
Portland Marriott Downtown Waterfront Hotel
Portland, Oregon, USA

sponsor

APRIL 3-6, 2017 | CHICAGO

AUTOMATE • 2017




Connect with leading suppliers and experts in vision!

REGISTER TODAY!

PHOTONICS buyers' guide

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

- [Fiber Optic Cable Assemblies](#)
- [Fiber Optic Sensors](#)
- [Infrared Coatings](#)
- [Laser-to-Fiber Couplers](#)
- [Optical Glass](#)
- [Tunable Diode Lasers](#)



sponsor

sponsor
