

euro PHOTONICS

PHOTONICS MEDIA

THE PULSE OF THE INDUSTRY



Wednesday, April 1, 2015

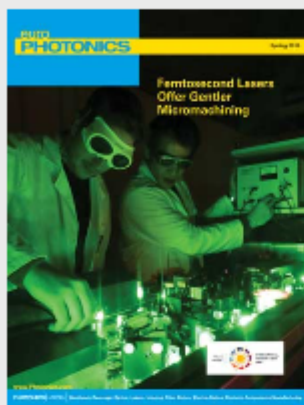
sponsor

sponsor

sponsor

sponsor

EuroPhotonics Digital Edition - Spring 2015



For 17 years *EuroPhotonics* has reported on key enabling photonic technologies coming out of the vibrant European Industry.

Now, you can get the same great magazine delivered to your inbox **four times a year**. The **digital edition** lets you click on live web links, search topics of interest and share articles with friends. You can download and save the digital edition for easy reading - anytime, anywhere. View the new digital edition at www.europhotonics.com/digitalsample

The **Spring 2015 issue** of *EuroPhotonics* includes feature articles about femtosecond lasers for micromachining materials, lasers, optics enhance optogenetics studies, Germany's photonics advances, and more.

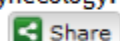
To sign up for the digital edition of *EuroPhotonics*, visit: www.photonics.com/subscribe.



Femtolasers Provide a Gentler Way to Micromachine

Femtosecond lasers are cropping up in a large number of places, and their applications are surprisingly diverse. Thanks to intense yet precise energy delivery, femtosecond lasers cause minimal damage to the surrounding material, making them ideal for industrial microstructuring, as well as for medical applications including ophthalmology, dentistry and gynecology.

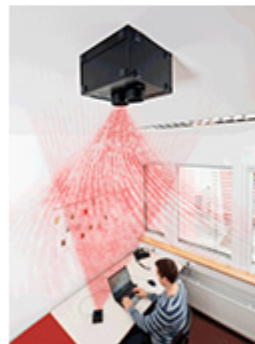
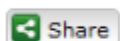
[Read Article >>](#)



Lasers, Optics Enhance Optogenetics Studies

The use of lasers and optics for optogenetics is only in its infancy. In the next decade, we can expect researchers to uncover many inner secrets of the human brain and possibly also find cures and treatments for some of our most challenging psychiatric disorders and diseases, helping us to a better life.

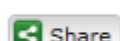
[Read Article >>](#)



Photonics Advances in the 'Land of Ideas'

The Abbe refractometer. The stauroscope. The Easter Bunny, the modern tradition of Christmas trees, and the accordion. All of these originated in Germany, and each has made a significant impact on the world. And the country's innovative spirit of past decades shows no sign of decline. The field of photonics is an especially exciting example of this.

[Read Article >>](#)



This week on *Light Matters*:

Thermal Vision ... and a Way to Foil It!

Featured Products



PC Controlled Variable Coupler

Evanescent Optics
The Model 905(P)-M is a variable ratio fiber coupler, the ratio can be remotely controlled with a PC (through a USB port), or manually.

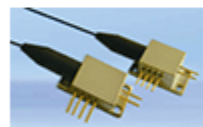
[More info >>](#)



New Goldeye SWIR Camera

Allied Vision Technologies GmbH
Allied Vision's all-new Goldeye short-wave infrared (SWIR) camera provides best-in-class image quality through its compact, fan-less design, full 14-bit low-noise imaging and onboard image correction.

[More info >>](#)



Stabilized Laser Diode

PhotonTec Berlin GmbH
A new 3W wavelength stabilized 808nm laser diode was introduced to the market.

[More info >>](#)



SPECTRA-X Light Engine

Lumencor, Inc.
The SPECTRA X light engine from Lumencor is the ultimate integrated solid-state excitation source for fluorescence microscopy.

[More info >>](#)



Ultra-Narrowband Filters

Alluxa
Alluxa's Ultra-Narrowband filters, for applications such as laser cleanup, lidar, telecommunications, and instrumentation, offer the narrowest and most square filter profiles in the visible and NIR.

[More info >>](#)



Tamarisk® Precision Radiometry

DRS Technologies, Imaging and Targeting Solutions
Now available: Tamarisk@320 Precision Series of radiometric camera cores from DRS Technologies.

[More info >>](#)

Industry Events

Laser World of Photonics - June 22 - 25, 2015 · Munich, Germany



From June 22-25, 2015 the international laser and photonics industry will be meeting for the industry's flagship show LASER World of PHOTONICS 2015 in Munich. Because of the increasing importance of the key technology photonics, the show will expand by one hall to 55,000 square meters.

[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](#)