



sponsor



**A better excimer laser. The IPEX-700.**

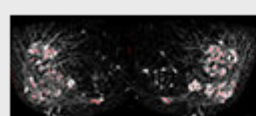
[www.lightmachinery.com](http://www.lightmachinery.com)



# PHOTONICS.com

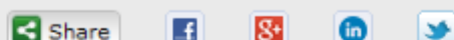
Thursday, September 10, 2015

## Spinal Neuron Connections Probed with Fluorescence Microscopy



The findings could help identify ways to repair damaged neural connections in patients with spinal cord injuries or neurodegenerative diseases like amyotrophic lateral sclerosis (ALS), also known as Lou Gehrig's disease.

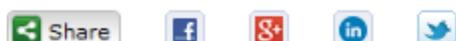
[Read Article >>](#)



## Ireland Launches Photonics Initiative

Called Photonics Ireland, the platform will deliver a suite of research and innovation actions for greater investment in startups and small- to medium-sized enterprises, focusing on technology, incubation and training.

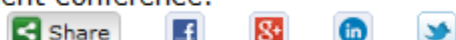
[Read Article >>](#)



## SPIE Picks New VP, Presents Awards

The international society for optics and photonics elected new leaders and recognized prominent researchers and businesspeople during a recent conference.

[Read Article >>](#)



## Featured Products



### Streampix 6 DVR Software

NorPix, Inc.  
Streampix 6 is a multiple camera capture software that supports over 200 different brands of scientific and machine vision cameras including GigE Vision, USB3, Camera Link.

[More info >>](#)



### Taper Manufacturing Station

3SAE Technologies  
The production-ready Taper Manufacturing Station (TMS) with optional cleaving package is designed for use in the manufacturing of optical fiber tapers, bundles and couplers.

[More info >>](#)



### High-Efficiency Mid-Band OPO

Continuum Inc.  
Horizon offers up to 40% conversion efficiency, an extended tuning range into the vacuum ultraviolet (192-2750nm), narrow linewidth and active precision control throughout.

[More info >>](#)



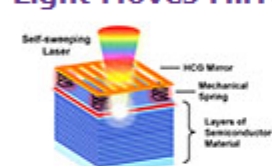
### Fiber Optic Switches

JGR Optics Inc.  
JGR Optics' SX4 fiber optic switches are benchtop instruments ideal for manufacturing production testing. A single common input connects with multiple output channels.

[More info >>](#)

## More Articles on Photonics.com

### Light Moves Mirror for 3D Sensing



A laser system that includes a mirror moved by the force of light could enable the miniaturization of 3D sensors for driverless cars and bioimaging.

[Read Article >>](#)



### Perceptron's Year Marked by Acquisitions, Sales Record

After notching two acquisitions, several laser-scanning product launches and a sales record, Perceptron Inc. has closed the books on fiscal 2015.

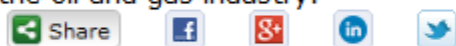
[Read Article >>](#)



### Opsens Spins Off Industrial Fiber Sensors Division

Opsens itself will continue to develop and market sensors used to diagnose and guide treatment of coronary heart disease. The newly created Opsens Solutions Inc., meanwhile, will concentrate on industrial applications, including in the oil and gas industry.

[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.

### Synergis Partners with Leica Geosystems on Laser Scanning for Architecture, Construction

The partnership will combine the technologies of both companies into turnkey solutions for firms looking to leverage point cloud data for factory layout optimization, class detection and building renovation.

[Read Article >>](#)



### Color-Changing Substance Detects Biological, Mechanical Problems



Responsive to a range of stimuli, a color-changing metallic substance could help detect problems as varied as mechanical strain and pollution.

[Read Article >>](#)



### NIST to Evaluate Argolight Fluorescence Calibration Sources

Fluorescence technology from Argolight SA aimed at improving the reproducibility of optical microscopy measurements is set to undergo evaluation by the U.S. National Institute of Standards and Technology (NIST).

[Read Article >>](#)



## Industry Events

### SPIE Optifab

Oct. 12-15 · Rochester, N.Y.

### SPIE.OPTIFAB

The largest optical fabrication event in North America, Optifab features a unique format that lets you gain valuable insight into the market by maximizing interaction between leading international researchers and manufacturers.

[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](mailto:karen.newman@photonics.com)

Questions: [pr@photonics.com](mailto:pr@photonics.com)

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

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

© 1996 - 2017 Laurin Publishing. All rights reserved.  
Photonics.com is Registered with the U.S. Patent & Trademark Office.  
Reproduction in whole or in part without permission is prohibited.

## PHOTONICS MEDIA

THE PULSE OF THE INDUSTRY



### FEATURED VIDEO



### Crystalline Mirror Solutions: Redefining Precision Laser Optics

Crystalline Mirror Solutions (CMS) manufactures high-performance laser optics utilizing a proprietary "crystalline coating" process that enables single-crystal semiconductor multilayers to be integrated into precision measurement and laser-based manufacturing systems.

sponsor

### SPIE SMART STRUCTURES NDE

## SMART STRUCTURES NDE

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

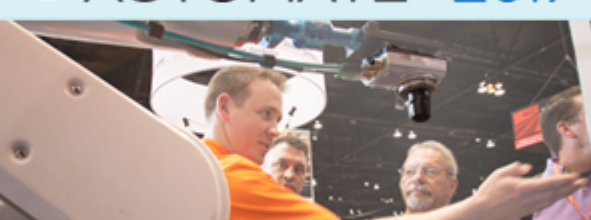
REGISTER TODAY

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

sponsor

### APRIL 3-6, 2017 | CHICAGO

## AUTOMATE • 2017



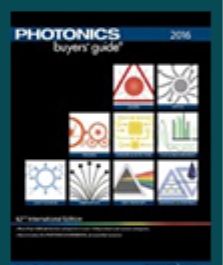
Connect with leading suppliers and experts in vision!

REGISTER TODAY!

## PHOTONICS buyers' guide

Looking for **Lasers and Laser Systems products?** Search the Photonics Buyers' Guide or Browse these product categories:

- [Blue Diode Lasers](#)
- [High-Voltage Power Supplies](#)
- [Safety Goggles and Glasses](#)
- [Laser Diode Test Equipment](#)
- [Q-Switched Lasers](#)
- [Vibration-Isolated Tables](#)



sponsor