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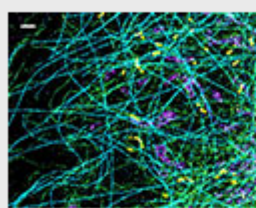
THE PULSE OF THE INDUSTRY



SCANLAB AG – Smart Scan Systems

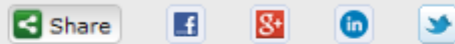
A short and informative summary of some new product highlights presented by Dale Sabo, Vice President SCANLAB America. With over 20,000 systems produced and distributed annually, SCANLAB AG as independent OEM manufacturer of scan solutions for deflecting and positioning laser beams in three dimensions is a global technology leader in the laser sector.

Method Lends 'True Color' to Superresolution Microscopy



Building on earlier superresolutions methods, a new microscopy technique provides nanoscale spatial information on individual molecules while also revealing their spectra.

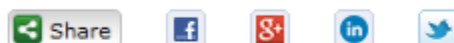
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David Williams Wins \$500K to Advance Adaptive Optics, Human Vision Research

The techniques created by Williams' research group at the University of Rochester not only obtain better pictures of the retina by modifying the light leaving the eye, they can also modify the light going into the eye to produce better vision by way of contact and intraocular lenses and laser refractive surgery.

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Kevin Rolland-Thompson Named Arizona Alumnus of the Year

Rolland-Thompson is group director of R&D in optics at Synopsys Inc. of Mountain View, Calif., and a supporter of optics education.

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Featured Products



MMP Series Micropositioners

Mad City Labs

The MMP series micropositioners employ our proprietary intelligent control resulting in exceptional stability and high native precision and repeatability.

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SCG 250: Freeform Grinding

Schneider Optical Machines

The SCG 250 provides an ideal platform for freeform, aspherical, and spherical grinding. Results are superb form accuracy and minimized surface roughness.

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MicroMate 3:1 Zoom Lens System

Navitar, Inc.

Designed to work with hi-res 4/3" sensor cameras, the MicroMate modular system images onto a 22.5mm diagonal with no vignetting when combined with Navitar objectives.

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Spatial Light Modulators

Meadowlark Optics

Meadowlark Optics, Inc. manufactures and sells both transmissive and reflective liquid crystal on silicon (LCoS) Spatial Light Modulators (SLMs).

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Laser Technique Cools Broader Range of Elements



A versatile laser cooling technique proposed 15 years ago now has partial experimental verification. In principle it could be used to cool a broader range of elements than is possible with current methods.

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Exfo Wins Multimillion-Dollar Fiber-Monitoring Contract

The system will be used to oversee a high-speed IP/MPLS network spanning more than 3000 km in the Asia-Pacific region.

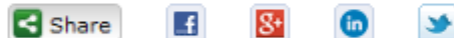
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ECM, Novilab to Commercialize Zecotek 3D Display in Russian region

Zecotek's patented, glasses-free 3D display system is based on the autostereoscopic principle and can simultaneously present 3D and 2D images on the same screen through different viewing angles.

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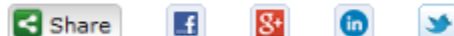


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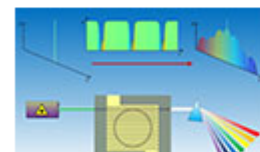
Lumentum, Viavi Part Ways after JDSU Breakup

"With a more focused and agile structure, we believe that we are well-positioned to capitalize on the growth opportunities in both the communications and commercial lasers markets," said Lumentum President and CEO Alan Lowe, who also led the business when it was part of JDSU.

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Microresonators Generate Combs for Communications, Spectroscopy



Single microresonators able to generate light pulses at several discrete frequencies could eliminate the need to integrate multiple lasers into communications and spectroscopy equipment.

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Adjustable Mount Improves Thermal Management for Miniature Flow Cytometer

Positioning equipment supplier Siskiyou Corp. said it recently helped another manufacturer miniaturize its flow cytometer by developing adjustable mounting hardware that conducts heat away from the system's light source.

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