Issue 1 Tuesday, January 09, 2018

sneak REVIEW + ® to o

January 30 - February 1 An advanced look at the products, trends and technologies being presented.

SPIE Photonics West - San Francisco, CA



Three conferences and two exhibitions make SPIE Photonics West the world's largest annual event in the industry. From plenary presentations to networking opportunities, this show offers an expansive, comprehensive look at the photonics industry. From Jan. 27 through Feb. 1, San Francisco's Moscone

The Most Wonderful Time of the [Industry's] Year

Photonics West touts more than 20,000 attendees from in translational biophotonics, global health care, lasers for manufacturing, 3D technologies, photonics-based consumer

products and more. sponsor



Critical Link's depth of experience in image sensor technology, SoC & FPGA

design, vision protocols, and signal processing uniquely position us as a

From: Critical Link LLC

premier development partner in imaging system design. Visit booth #210 at Photonics West to demo our latest industrial-quality embedded imaging platforms ranging from <1 megapixel up to 50 megapixels and register to win a free embedded imaging development kit. Visit us: Booth 210

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From: Cobolt AB Cobolt AB will launch new wavelengths on the 08-01 Series of 457 nm, 473

New Wavelengths for Raman

nm, 515 nm, 660 nm and 1064 nm at Photonics West 2018, complementing already available wavelengths of 405 nm, 532 nm, 561 nm and 785 nm. The

Cobolt 08-01 series of single frequency and narrow linewidth lasers are ideal for Raman spectroscopy applications. Visit us: Booth 2119

Powerful Femtosecond Fiber Lasers

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femtosecond pulses at central wavelengths of 780, 1050 or 1560 nm with up to 5 W output power. It is a powerful laser source for nonlinear microscopy

SHG-based contrast mechanisms, as well as micro-lithography.

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applications like effective two-photon excitation of fluorescent proteins and

From: TOPTICA Photonics Inc.

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The FemtoFiber ultra is a cost-effective, turnkey laser that provides

From: Navitar Inc. Navitar's Resolv4K lens system maximizes the usage of modern sensors with

Resolv4K Lens System

a traditional zoom imaging system achieving a 400 - 600% larger field of view without loss of detail. The Resolv4K Fixed system is ideal for fixed field of view applications with closer working distances and offers higher

Fiberguide's RARe Motheye Fiber From: Fiberguide Industries Inc.

macro mode. Visit us: Booth 125 Visit Website Request Info

Fiberguide now applies our skill and experience to anti-reflective coatings for the 21st century and demanding high-power applications: RARe Motheye Fiber. This unique process is available on Fiberguide's multimode fibers,

including aluminum and gold coated fiber. It is also available as an integral part of Fiberguide's high precision assemblies, bundles and arrays – providing

the highest possible transmission without compromise.

magnification and resolving power than standard enlarging or SLR lenses in

Visit us: Booth 5257 Request Info Visit Website **Custom Diamond-Turned Optics** From: Diverse Optics Inc. Diverse Optics Inc. specializes in single point diamond-turning of custom polymer optics. For over 30 years, we've manufactured the most challenging

polymer optic components and assemblies for leading defense, medical, and commercial applications with advanced technology and an experienced team

of professionals. Prototyping to series production of spheres, aspheres,

from NIR to UV using a single engineering platform based on patented BRaMMS technology. UniKLasers' products, all ultra-compact & air-cooled:

100m+ coherence length, low noise, various power levels, lowest power

consumption & smallest footprint for given output up to 3W.

domes, convex/concave, plano/convex, bi-convex, freeforms, diffractives, Fresnels, prisms, light pipes, lens arrays, collimators, combiners, toroids, micro-optics, parabolics, ellipticals, and more. Polymer Optics Perfected!

From: UniKLasers Ltd.

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CW Single-Frequency DPSS Lasers

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Visit us: Booth 317, BiOS Booth 8214

Compact Hybrid Scanning System From: nPoint Inc.

Visit us: Booth 4960

of motion can be controlled via a single GUI. The end product can be a combination of up to 3 axes of large motion and 3 axes of fine motion.

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Proven Quality Optoelectronic Product From: Canon U.S.A. Inc., Industrial Products Div.

for gloss, haze, image clarity, BRDF as well as new Canon's own indices; C20 & C60.

surpassing all analog galvano scanners on the market.

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Digital Galvano Scanner is our signature product. LED optical encoder with high speed digital servo controller brings high-precision and high-accuracy,

Our brand new product, Surface Reflectance Analyzer, is the first portable

analyzer in the industry and instantly evaluates almost any material surface

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Center will be bustling with researchers, engineers and innovators from industry and academia. Each year,

Watch Video

Powerful Femtosecond Fiber Laser

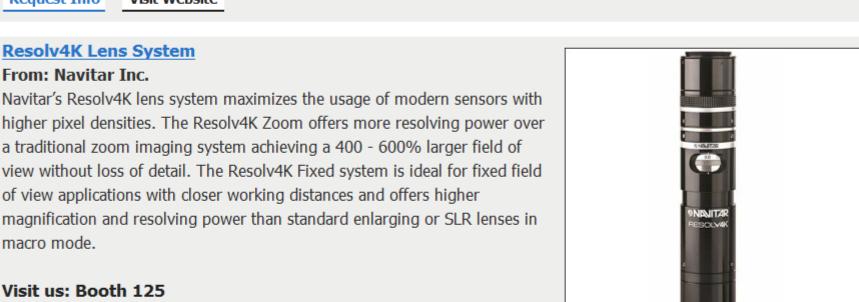
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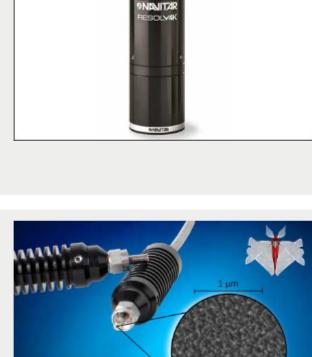
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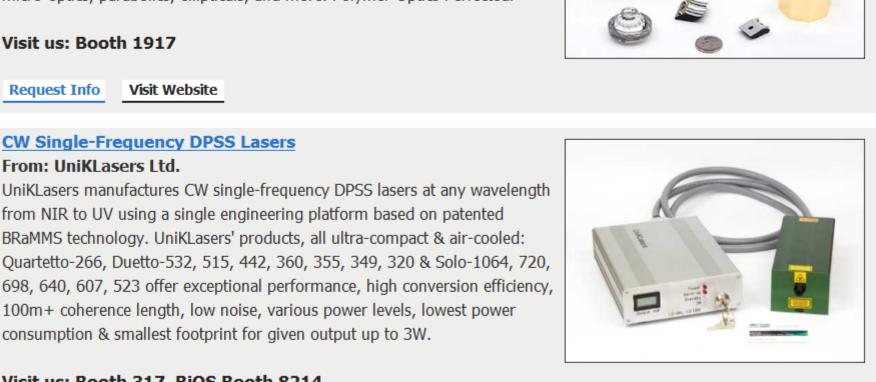


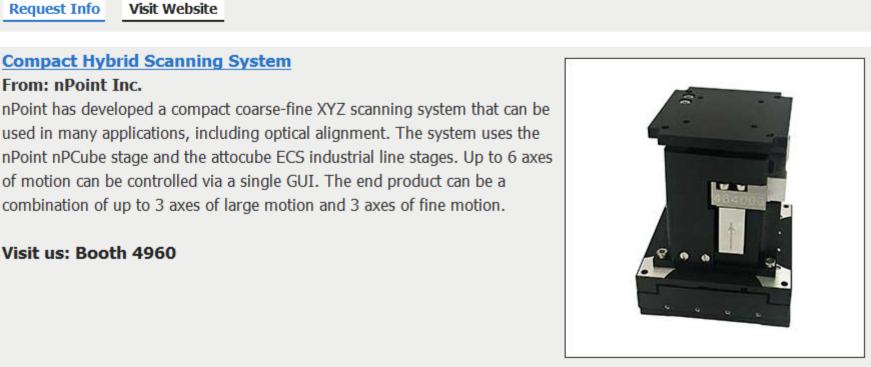
















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