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LASER World of **PHOTONICS CHINA**

March 14-16, 2017
Shanghai New International Expo Center

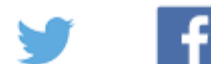
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Sneak Preview

SPIE Optics & Photonics, San Diego, Calif.
Aug. 17-21, 2014

PHOTONICS MEDIA

THE PULSE OF THE INDUSTRY



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MagniStar Bi-Telecentric Lenses

Navitar's line of **MagniStar high resolution bi-telecentric lenses** offer the ideal optical solution for imaging and measurement applications where extreme accuracy is required. Features include an adjustable built-in iris and less than 0.1% distortion. Magnifications range from 0.05X to 2X.

Navitar, Inc.

See us at booth 414

www.Navitar.com

Fingertip-Sized Micro-Spectrometer

Hamamatsu's **C12666MA** is a fingertip-sized, MEMS-based spectrometer head for OEMs. Its hermetic package contains a nanoimprinted grating and a 256-pixel CMOS image sensor sensitive to 340-780 nm light. Visit Hamamatsu at booth 515 for more info.



Hamamatsu Corporation

See us at booth 515

www.hamamatsu.com



Radiation Hardened Color Camera

Thermo Fisher Scientific manufactures high performance **radiation hardened Color and Monochrome CID** (Charge Injection Device) cameras for inspection applications within radiation environments. They are capable of imaging in radiation areas such as reactor inspection, hot cells, surveillance and beam profiling.

Thermo Fisher Scientific, Inc.

See us at booth 538

www.thermoscientific.com

PrismMaster Precision Goniometer

The new **PrismMaster** series provides high precision angle measurement and an all granite and steel frame for highest measurement stability. The new user friendly software offers a fully automatic measurement process of standard prisms as well as ray tracing functions.



TRIOPTICS GmbH

See us at booth 528

www.trioptics.com



Exemplar Plus Smart Spectrometer

The Exemplar[®] Plus is a TE Cooled/Back-Thinned CCD **spectrometer** offering cutting edge features like ultra-low trigger delay (95ns, +/- 20ns), USB3.0, pulse-chain-output, different scanning modes (Burst, Smart & Normal), and an embedded processor for on-board averaging, smoothing and dark compensation.

B&W Tek, Inc.

See us at booth 639

www.bwtek.com

MWIR Variable Retarder/Waveplate

Liquid crystal technology for polarization control now extends into the mid IR. Meadowlark's standard line of polarization controllers can be used for these new variable retarders. They can be custom configured for use as variable attenuators and as polarization rotators.



Meadowlark Optics, Inc.

See us at booth 344

www.meadowlark.com



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Photonics Media

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www.Photonics.com

SPIE Optics & Photonics 2014

The SPIE Optics & Photonics Exhibition is the largest international, multidisciplinary optical sciences and technology event in North America. It features courses and plenary sessions, as well as the latest products and research in optical engineering and applications, solar energy, nanotechnology and organic photonics.



More than 30 courses will be offered in areas such as nanoscience, nanoengineering, illumination engineering, optical design and systems, photonic devices and applications, advanced metrology, detectors and imaging devices, CMOS, micro- and nano-optics, and professional development.

There will also be several workshops held for optics educators, including Light & Optics for Kids, Problem-based Learning for Teaching STEM, and Learning How Light Works.

Attendees will see the latest technologies exhibited, as well: optical components, fabrication and design; optics for astronomy; detectors, sensors and cameras; lasers, accessories and laser systems; computer hardware and software; signal imaging and processing equipment; fiber optics; optoelectronics; positioning and vibration-isolation equipment; LED and OLED technology; optical engineering software; test, measurement and analysis equipment; and more.

Presenting research and current projects will be schools and universities from across the globe. Among them: Air Force Institute of Technology in Ohio, Bauman Moscow State Technical University, Beijing Institute of Technology, City College of New York, Duke University, Karlsruhe Institute of Technology, National Taiwan University, Rochester Institute of Technology, Northwestern University, Technical University of Denmark, University of Melbourne in Australia and University of Warsaw.

There will also be a job fair on August 20.

Featuring new and innovative products will be a number of companies from throughout the industry—Thorlabs, Applied Surface Technologies, Fiberguide Industries, iOptics, Optical Perspectives Group, Photon Engineering, Photonic Cleaning Technologies, Thermo Scientific, Horiba Scientific, IDEX Optics & Photonics Marketplace, Laser Quantum Inc., Micro Laser Systems Inc., Midwest Optical Systems, Lambda Research Corp., OptiPro Systems, and Zygo Corp.

For more information, visit: www.spie.org/x51863.xml.

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