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sponsor

2013 Defense Security+Sensing

62 Scientific conferences on optics, imaging, and sensing

29 April to 3 May 2013 · Baltimore, Maryland, USA

Register Today

SPIE

Sneak Preview

SPIE Defense, Security & Sensing, Baltimore, MD April 29 - May 3, 2013

PHOTONICS MEDIA

THE PULSE OF THE INDUSTRY

Issue 1 April 16, 2013

LIGHT EXCHANGE

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Smallest SWIR GigE Camera

The advanced high resolution **Bobcat-640-GigE SWIR camera** offers a broad range of parameter settings and flexibility of use. You get excellent image quality with on-board image processing and TE-cooling for low dark current and optimized noise performance.

Xenics

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see us at booth 1631

New Ballistic Image Capture System

Sydor's new small arms **multi-plane imaging system** provides a low cost option to image and measure the absolute position, velocity, pitch, and yaw of projectiles. Our Streak Cameras, Photek PMTs, Image Intensifiers and EMCCDs will also be on display.



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The **pco.edge** with its perfect combination of high resolution at 5.5 megapixels; low readout noise of $<1.1 e^-$; high dynamic range of $>27,000:1$; and high speed frame rate of 100 fps is well suited for use in hyperspectral systems.

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G-S PLASTIC OPTICS manufactures optics for imaging, scanning, detection, and illumination applications. GSPO provides diamond turned and injection molded prototypes, production injection molding, thin film and reflective coatings, and **integrated optical solutions** for military, medical, commercial, and consumer markets.



G-S PLASTIC OPTICS

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Photonics Media

www.photonics.com

see us at booth 1208

SPIE Defense, Security & Sensing 2013

A diverse educational program for optics and photonics professionals, approximately 2300 technical talks, a three-day exhibition of 500 industry suppliers, and panel discussions highlight offerings at SPIE Defense, Security, and Sensing (DSS) at the Baltimore Convention Center April 29-May 3. Events include the largest demonstration of infrared cameras and imaging systems in the world.

A featured talk on "DARPA: Driving Technological Surprise" by DARPA Director Arati Prabhakar and panel discussions on topics such as the challenges of processing big data, sensor needs, and early-stage technology commercialization highlight the technical program.

In addition to 55 conferences covering technical topics such as IR systems, laser technology, ISR (intelligence, surveillance, and reconnaissance), and display and sensor technologies, unmanned systems and robotics, three new topics are offered this year: Emerging Theory, Analysis, and Design for Optical Space Communications, Flexible Electronics, and Next-Generation Analyst.

Driven by the critical role photonic technologies play in today's defense and industrial economies, DSS provides valuable opportunities for developers of advanced technologies and products to meet face-to-face with government and industry customers.

Attend one or more of the 55 courses and workshops at DSS to stay on top of the latest technologies and get the training you need to stay competitive in the today's job market. These education sessions are conducted by experts from academia, government and industry.

Stop by our booth

Visit Photonics Media at booth 1208, pick up the April issue of Photonics Spectra magazine, and enter our daily drawing for a \$100 Amazon gift card! While you're there, test your "light IQ" by playing our Light Masters game of photonics industry logos and/or trivia. Think you know light? Dare to put it to the test? You could win a Google Nexus 7 tablet! And as always, you can visit us online at www.photonics.com

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