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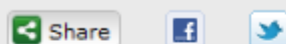
Thursday, May 14, 2015

Algorithm Makes Video Panoramas from Unstructured Camera Arrays



Even nonprofessionals may someday be able to create high-quality video panoramas using multiple cameras with the help of a new algorithm.

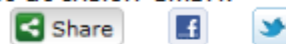
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Inision Names Business Development Lead

Reinhold Wagensohn has been named head of business development at Inision GmbH.

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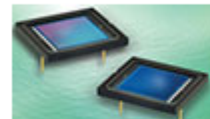
Dilas Reaches Milestone with 20,000th Laser Module

Dilas Diodenlaser GmbH marks a milestone this month with the most recent delivery of its tailored bar-based (T-Bar) fiber laser pump module.

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Featured Products



Semiconductor Radiation Sensors

Opto Diode Corp.
Opto Diode offers an expanded line of semiconductor radiation sensors for detecting photons and other particles. The devices feature unparalleled quantum efficiency stability and radiation.

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IBS Thin-Film Coatings

Perkins Precision Developments
Custom low-loss IBS thin-film coatings for high power applications are available as finished optics or on customer supplied substrates. High LDT IBS coatings are spectrally and environmentally stable and can be applied to curved or plano surfaces.

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Toshiba Imaging's Full HD IK-HD5U Camera

Toshiba Imaging Systems
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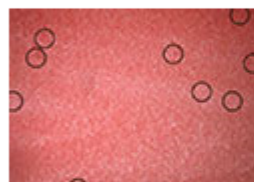
Curved Displays

Abrisa Technologies
Abrisa Technologies offers transparent conductive ITO, photopic AR and filter coatings on 50 to 100 micron thin, flexible glass to support ultra-thin and curved display needs while preserving the clarity of images that only glass can give.

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Smartphone Microscope Counts Parasites in Blood



Using motion instead of molecular markers or fluorescent stains to detect the movement of worms, the researchers found that the video CellScope was as accurate as conventional screening methods.

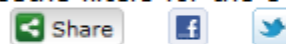
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Laseroptik Increases Production Capacity for Thin-Film Coatings

Laseroptik GmbH has expanded from four to eight industrial ion-beam sputtering (IBS) machines to meet increasing demand for dispersive mirrors and dielectric filters for the UV.

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Mitutoyo Opens Massachusetts Facility

The new 7600-square-foot facility is designed for metrology product demonstrations and customer assistance, as well as product and educational training seminars.

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This week on *Light Matters*:

Learn how a new mobile phone microscope allows health care providers to analyze blood.

Schario Named Chief of External Relations at OSA

Schario will provide strategic direction for The Optical Society's government and public relations and institutional branding.

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Laser Design Brings Attosecond Spectroscopy Closer



A new laser design could enable High-energy attosecond mid-wave IR and vacuum UV spectroscopy systems, as well as faster optoelectronics, could soon be possible thanks to a new laser design by scientists at the Laboratory for Attosecond Physics in Germany.

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European Groups Launch Photonics4All Program

A two-year program funded by the European Commission aims to raise awareness of the importance of photonics and make it accessible to the general public, business and industry.

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WEBINAR

Silicon Photomultipliers, Single Photon Avalanche Diodes, and PMT's – So what's the difference anyway and why should I care?

Thu, May 21, 2015 1:00 PM - 2:00 PM EDT

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Carl Jackson



Wade Appelman

This webinar offers a low light sensor masterclass in 45 minutes. Dr. Carl Jackson, SensL founder and CTO will start by explaining how a SiPM sensor is created from a large array of SPAD sensors and provide a detailed review of their operation and characteristics. He will then explore the technical differences between commonly used sensors such as the PMT, APD and PIN Photodiode showing how the SiPM and SPAD compare in critical parameters such as voltage operation, gain, noise, uniformity, and temperature dependency.

Industry Events

Sensor & Test 2015 - May 19-21, 2015 · Nürnberg Exhibition Centre, Nuremberg, Germany



The focal point this year will be the biannual AMA conferences: Sensor 2015 and IRS² offer top-class scientific presentations by international and national specialists of research and development.

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MANAGING DIRECTOR LASER BEAM PRODUCTS

Laser Beam Products – Manufacturer of Metal Mirrors

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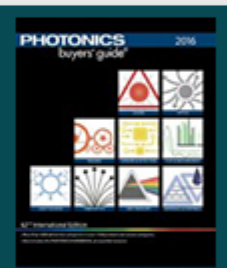
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