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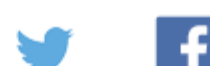
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Monday, March 6, 2017

Lens-Free Imaging Targets Metastatic Cancer Cells



Lens-free digital imaging could be key in earlier detection of the spread of highly aggressive cancer cells, greatly improving a patient's chance of survival. European Research Council consolidator grant funds will further the development of lens-free digital imaging, which would specifically target metastatic cancer cells.

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Two Firsts for Raman Lasers

Synthetic diamond has enabled two significant developments in solid-state laser engineering: the first tunable diamond Raman laser, and the first continuously operating diamond Raman laser.

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South Africa Commercializes High-Tech Solar Technology

South Africa, via Stellenbosch Technopark, will begin production and marketing of a thin-film solar module that provides an effective way to convert solar energy into electricity.

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New Laser Could Diagnose Disease Through Breath

A new type of laser can produce 25 times more light emission than other such devices that operate on a similar wavelength, allowing for detection of very low concentrations of gases.

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Development Pact Will Enhance Semiconductor Packaging

A joint development agreement between SÜSS MicroTec and IBM Corp. has been extended to further develop technologies in advanced semiconductor packaging.

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Semiconductor Laser Pioneer Wins Japan Prize

Yasuharu Suematsu, a pioneer in the field of semiconductor lasers that enable high-capacity, long-distance fiber networks, has been recognized with the 2014 Japan Prize for electronics, information and communications.

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EPSRC Research Funds Reshape Silicon Photonics

Funding from the Engineering and Physical Sciences Research Council will kick-start a project aimed at bringing silicon photonics to mass markets and revolutionizing a range of applications.

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Infrared Imaging Collaboration Grows US Market

A collaboration between American IR Solutions (AIRS) and AIM Infrarot-Module will expand IR imaging solutions across the US market.

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Edmund Optics Names New President

Samuel Sadoulet has been named the new president of Edmund Optics.

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WHITE PAPER



Optimization of LED Lens Components Using TracePro®

Lambda Research Corp.

Light Emitting Diodes (LEDs) used in lighting products and systems have become a global revolution, leading to significant changes to how designers build lighting into their automotive lighting, industrial lighting, digital signage, flat panel display, and mobile device applications. The advantages of LEDs over traditional light sources include efficiency, durability, lamp life, and the opportunity for sophisticated digital control systems.

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In 2013, the exhibition sold out with more than 1234 companies. This year's exhibition will include five days of presentations, courses, and special events that offer opportunities for face-to-face interaction with potential customers.

The Job Fair will be held in conjunction with the SPIE Photonics West Exhibition. An 'Exhibit-Only' badge or any other type of Photonics West badge is needed to enter the exhibit hall. Upload your CV or resume in advance to be found by employers. In-person attendance is not required to upload your resume.

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