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FEATURED VIDEO



Thursday, August 28, 2014

Spectroscopy Tests for Best Organic Photovoltaics



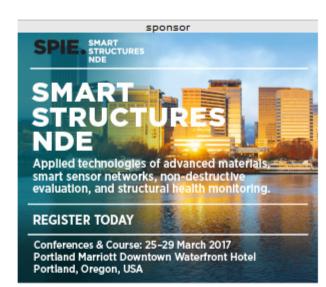
Spectroscopy may provide a way to identify materials for organic photovoltaics based on their charge formation efficiency. In a recent study of organic solar cells, researchers used photoinduced and electrochemical spectroscopy to determine the change in absorption after femtosecond excitation and charge injection.

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Optofluidics – NanoTweezer Chris Earhart, Principal Scientist at Optofluidics, talks about the Prism nominated NanoTweezer. The NanoTweezer system combines the power of our custom benchtop instrument with our patented optically resonant nanotweezer chips. A specially designed microscope mount enables direct interfacing of the chips to your existing microscopy equipment and spectroscopy systems.

Chris Earhart





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Meadowlark Optics Inc. recently acquired the Commercial Products Group of Boulder

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and resolution of atomic-force microscopes.

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Fermionics Opto-Technology

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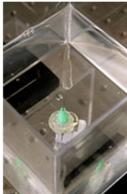
Laser Diode Test System

The Y1000L is a universal tester capable of burn-in aging and lifetime testing of multiple photonic devices at the same time. This means any photonic device, any package style and using any all within the same system.

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understanding of bubbles, which could mean big things for nanoparticles.

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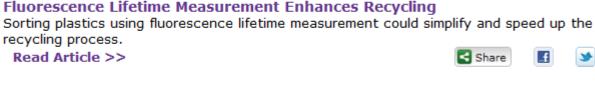
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Spatial Light Interference Microscopy Andor Technology plc, Corporate Headquarters

quantitative phase imaging method, which is capable of unprecedented structure studies in biology and beyond. SLIM combines two classical ideas in optics and microscopy: Zernike's phase contrast method, by revealing the intrinsic contrast of transparent samples, and Gabor's holography, by quantitatively retrieving the phase information. SLIM provides the spatial uniformity associated with white light methods and the stability associated with common path interferometry. In addition, due to the short coherence length of the illumination, SLIM also provides excellent optical sectioning, enabling three dimensional tomography. DOWNLOAD WHITE PAPER >>

Spatial light interference microscopy (SLIM) is a highly sensitive

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