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Laser-Generated Bubbles Create 3D Liquid Images

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3D glasses or headsets. Researcher Kota Kumagai of Utsunomiya University in

Japan said the new work is currently a proof of concept, but one day might allow full-color updatable volumetric displays.

Silicon Nanoparticles Used for Photovoltaic Windows

A volumetric bubble display using lasers allows viewers to see 3D images without

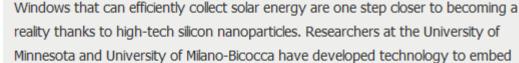


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the silicon nanoparticles into what they call efficient luminescent solar

concentrators (LSCs). These LSCs are the key element of windows that can



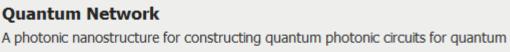
Photon Gun Could Further Development of Photonic



efficiently collect solar energy.







interaction with their environment, so they do not lose a lot of energy during transmission. This makes them well suited to carrying and distributing information over long distances. 3 A B D Read Article

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networks has been developed, which could impact the optics and photonics that underlie quantum information processing. Photons (unlike electrons) display weak









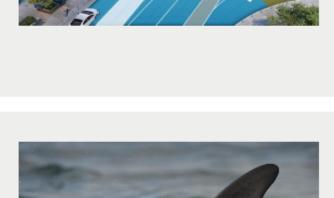


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possible.

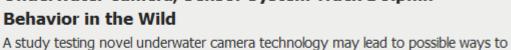
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Behavior in the Wild







advance conservation and rehabilitation efforts on behalf of wild sea creatures. A remote cetacean-borne video camera and integrated sensor system (C-VISS) was

deployed on eight free-swimming dusky dolphins off the coast of New Zealand from December 2015 to January 2016, collecting a total of 535 minutes of video footage.

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IPEX-700 Excimer Laser

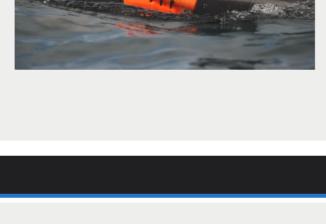
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environments, LightMachinery's IPEX-700

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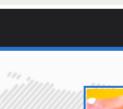
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LASER World of PHOTONICS CHINA 2017 March 14-16, 2017 - Shanghai New International Expo Center - Shanghai China From components to industrial applications, Laser World of Photonics China is a leading event in the photonics industry. It is Asia's largest trade show for lasers,

trade show. The congress topics range from the latest research and development

in laser technology, laser processing and its applications to optical technology,

Optoelectronics; Optics and Manufacturing Technology for Optics; Laser Systems for Production Engineering; Imaging; and Optical Metrology and Quality Assurance. The Photonics Congress China will be held in conjunction with the



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Webinars

Machine Vision Solution Fri, Mar 10, 2017 1:00 PM - 2:00 PM EST Are you planning an update or a new build of a machine vision system? This webinar with Rex Lee, Ph.D., will help ensure that you get it right the first time.

Integrating Camera Technology Into an Outstanding

Lee will discuss the components of a successful machine vision system, including

examples of successful machine vision solutions for every industry. Who should attend: Engineers, designers, business owners, scientists, educators and anyone

cameras, lighting, lenses, software, sensors and detectors; and will provide

who is considering using cameras for image analytics.

Transition Mode Reactive Sputtering Using PEM Wed, Mar 15, 2017 1:00 PM - 2:00 PM EDT This webinar will discuss the architecture and operation of a Plasma Emission Monitoring (PEM) system integrated into a Denton Vacuum (DV) sputtering chamber, with confocal cathode configuration (DV-PEM). It will cover everything you need to know about pulsed DC reactive sputtering with PEM, and will provide you with a thorough understanding of how Denton Vacuum provides fully



integrated PEM with its thin film deposition system. Who should attend: process

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