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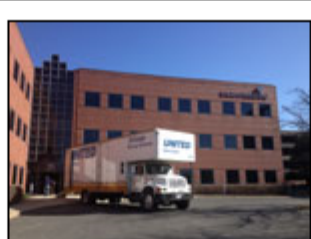
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OptiPro - Behind the Scenes

Take a "behind the scenes" tour of OptiPro Systems, LLC. Discover how OptiPro has grown and evolved over its 30 year history and how OptiPro originally became a designer and builder of CNC machines for precision optics fabrication. Learn about OptiPro's engineers and technicians as well as the capabilities and solutions that can optimize your optical manufacturing processes.



Injectable microLEDs Turn Light On in Brain

Ultrathin, flexible optoelectronic devices – including neuron-sized LEDs – are illuminating the mysteries of the brain in optogenetics and beyond. “The systems we have developed allow the animals to move freely and to interact with one another in a natural way, but at the same time, provide full, precise control over the delivery of light into the depth of the brain,” said University of Illinois professor John A. Rogers, who worked with colleagues at Washington University in St. Louis.

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Michigan Launches Photonics Cluster

IPG Photonics, Rigaku and Advanced Photonix are among the members of a photonics industry cluster alliance in Michigan. The organization, called Mi-Light, officially launched April 10.

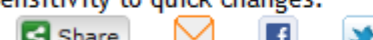
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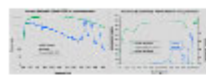
Telescope Receivers to Turn into High-Speed Cameras

Receivers on the Westerbork Synthesis Radio Telescope in the Netherlands will become high-speed cameras, expanding the instrument's field of view by more than a factor of 30 and increasing its frame rate to 10,000 per second. The upgrade will enable astronomers to survey the sky with greater sensitivity to quick changes.

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In this edition of the industry's premier weekly newscast: the Navy adds a shipborne laser cannon in 2014, injectable LEDs and a transparency-inducing hydrogel aim to aid brain studies, an all-optical circuit is made from irregular diamond, and we chat with a committee member of the Technology Transfer program of CLEO 2013. Hosted by Photonics Media's Melinda Rose and Ashley Rice.

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Kodak Selling Doc Imaging Biz to Brother for \$210M

Pending court approval, Eastman Kodak will sell its document imaging business, which makes scanners, capture software and services for enterprise customers, to Brother Industries.

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Technique Precisely Predicts Color from White OLED

Scientists in the Netherlands and Germany took the guesswork out of white OLED color design by developing computer models of the complex, molecular-scale electronic processes involved. The result is the ability to precisely predict the color of OLEDs.

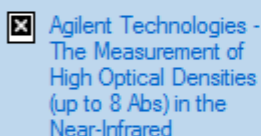
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Polycrystalline Diamond Used to Fabricate Optical Circuits

Karlsruhe Institute of Technology has, for the first time, used polycrystalline diamond to fabricate wafer-based optomechanical circuits.

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The Measurement of High Optical Densities (up to 8 Abs) in the Near-Infrared

Agilent Technologies

The optical densities of various materials used in the manufacture of laser safety eyewear have been determined in the NIR. The lens materials were measured over wavelength ranges corresponding to the laser wavelengths for which the eyewear was designed (InGaAs, 980 nm and Nd:YAG, 1064 nm). Prior to measurement, a variety of filters of known optical density were used to validate the photometric performance of the spectrophotometer. Using the addition of filters technique, photometric range, accuracy and linearity were demonstrated up to 8 Absorbance units at 1200 nm in the near-infrared.

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ESI to Acquire Semiconductor Systems from GSI Group

Electro Scientific Industries is acquiring the Semiconductor Systems unit of precision photonics supplier GSI Group Inc., bringing together two providers of systems for laser-based wafer processing.

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Point Grey Expands Canadian Headquarters

The digital camera manufacturer expanded its headquarters in British Columbia to support increased demand for its USB 3.0 and GigE camera and FireWire lines.

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