

This Week In PHOTONICS

PHOTONICS MEDIA

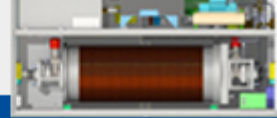


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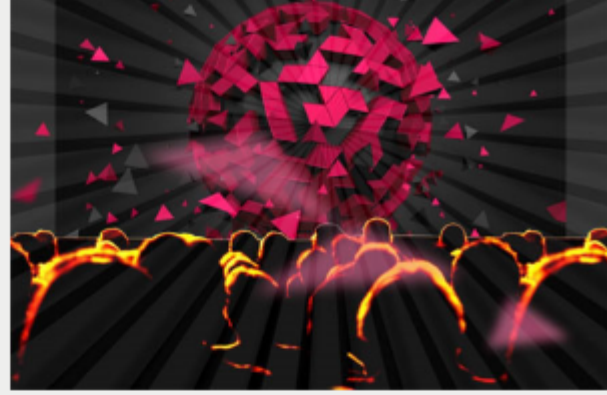
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Top Stories

Display Technology Eliminates Need for 3D Glasses

A novel design for 3D display in a cinema setting makes 3D viewable at high resolution and without the need for special eyewear. The prototype design, dubbed Cinema 3D, allows viewers to experience the same 3D effects from any seat in the theater.



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Purdue Startup Aims to Improve Agricultural Industry

Aerial Agriculture LLC, a startup company launched by Purdue University students, aims to revolutionize the agricultural industry by building drones to capture multispectral images of entire crop fields.



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Solar Plane Makes Round-the-World Flight

Swiss pioneers Bertrand Piccard and André Borschberg achieved the first ever round-the-world solar flight in the Solar Impulse 2 zero-emission electric and solar airplane.



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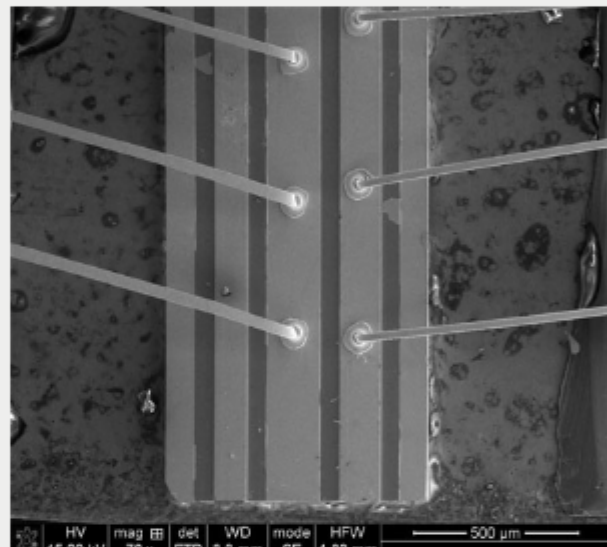


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Terahertz QCL Demonstrates Record Power in CW Mode

The output power of a terahertz quantum cascade laser (QCL) has been effectively doubled, producing record output power of up to 230 mW in CW mode, compared to the previous record of 138 mW.

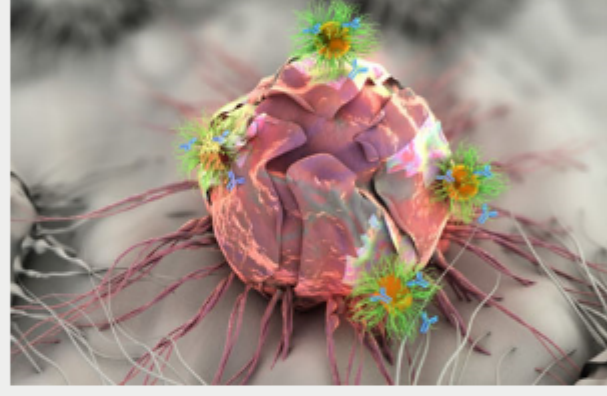


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Device Combines Phototherapy, Drug and Gene Therapy to Treat Cancer

A cancer treatment that combines light-based, drug and gene therapy has led to complete tumor remission when applied to non-resected tumors and to the absence of tumor recurrence when applied following tumor resection in a colon cancer mouse model.



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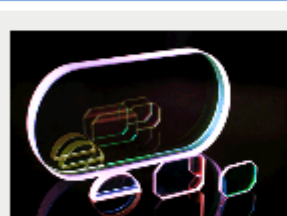
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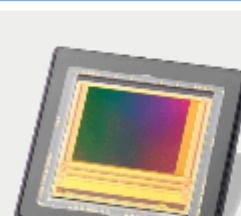


Thin Film Coating

United Lens Company Inc.

For over forty years ULC has been providing high-quality Thin Film Coatings for the photonics industry. We use a robotic multi-station aqueous ultrasonic system with 18 meg. ohm deionized water to prep the optics for coating.

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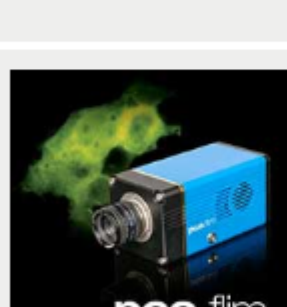


e2v Introduces New Low-Light CMOS Image Sensors

e2v

e2v has launched the new Onyx 1.3-megapixel CMOS image sensor. This new sensor has been designed using e2v's advanced CMOS imaging technology, making it ideal for low light applications where premium performance imaging is required.

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Unprecedented Luminescence Lifetime Imaging Camera: the pco.film

PCO-TECH Inc.

PCO introduces a new kind of camera system. The pco.film is the first luminescence lifetime imaging camera.

The camera has a revolutionary image sensor and makes use of fluorescence lifetime imaging in the frequency domain, making it suitable for numerous applications in the field of biomedical research.

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Precision Control for QCLs, Laser Diodes & Thermoelectrics

Wavelength Electronics Inc.

The Wavelength Electronics LAB Series instruments provide low noise, high stability, full power benchtop control of QCLs, laser diodes and thermoelectrics.

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Industry Events

IMTS 2016

September 12-17, 2016 - McCormick Place - Chicago United States

Photonics Media Booth: N-6183

IMTS 2016 will welcome more than 114,000 industrial decision-makers. At IMTS they will gain insight into improving their production and operations, find ways to cut costs, see new technology demonstrated, and choose the best technology for their needs. The conference, where technology and business connect, brings together experts from the industry to give attendees the most useful and up-to-date technical information available. The conference program will focus on five topics: Process Innovations, Alternative Manufacturing, Plant Operations, Automation, and Quality.

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