

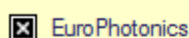


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EuroPhotonics Digital Edition - Winter 2012



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The 2012 Winter issue of *EuroPhotonics* includes feature articles on research into new materials for solar cells, a slow-down in PV growth and new concepts to advance solar thermoelectric energy, as well as a report on the finalists for the 2013 Photonics Prism Awards, sponsored by Photonics Media and SPIE.

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Prism Awards Finalists Offer Solutions to Big Problems

Sensors for monitoring environmental toxins and detecting explosives, powerful new lasers for biophotonics, and tools for lithography and spectroscopy are among Europe's finalists for the 2013 Prism Awards for Photonics Innovation, a global competition recognizing new products and inventions that break with conventional ideas, solve problems, and improve life through the generation and application of the essential technologies of optics and photonics. The Prism Awards are sponsored by Photonics Media, the publisher of *EuroPhotonics*, and SPIE.

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Oxford Instruments Acquires Asylum Research for Up to \$80M

The deal, worth as much as \$80 million, to buy the microscopy maker in California will help the UK scientific instrumentation provider strengthen its presence in the nanotechnology market.

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Lyncean Sells Its First Compact Light Source

Lyncean Technologies Inc. sold its first compact light source (CLS) to the newly formed Center for Advanced Laser Applications in Munich for biomedical imaging research.

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Featured Products



Solid-State Illuminators for the Life Sciences
[Lumencor Inc.](#)



CleanTop Honeycomb Optical Top
[TMC, Sub. of AMETEK, Inc.](#)



PEM-ATC Reduces Thermal Drift
[Hinds Instruments, Inc.](#)



Affordable Camera Packs for R&D Applications
[FLIR Systems, Inc.](#)

Laser scans probe Stonehenge secrets

A comprehensive 3-D laser scan of the ancient monument has given researchers new evidence of how it was built and what its purpose was.

[FULL ARTICLE >>](#)

18 Firms Vie for \$94M at Invest in Photonics

Eighteen specially selected emerging technology companies from around Europe participated in a special funding session at the two-day international business partnering convention Invest in Photonics last week in Bordeaux, a growing industrial region for lasers, optics and photonics.

[FULL ARTICLE >>](#)



In this edition of the industry's premier weekly newscast: laser optics provide an inside view of a fly's eye, solar technology is used to kill cancer cells, SPIE Photonics West 2013 promises to be the biggest show yet, and a laser reveals the skin's true age. Hosted by Photonics Media's Melinda Rose and Laura Marshall.

Industry Events

Photonics West 2013 - February 2 - 7, 2013 • San Francisco, CA
Visit us at BIOS Booth 8600 and Photonics West Booths 600 & 601

Photonics West 2013, to be held at the Moscone Center, will feature more than 4450 technical presentations, 18 plenary talks, 40 technical events and 70 continuing education accreditation short courses. The technical conferences — up about 5 percent over last year — are organized around four symposia: BiOS (Biomedical Optics), LASE (Lasers and Applications in Science and Engineering), OPTO (Integrated Optoelectronic Devices) and MOEMS-MEMS (Micro- and Nanofabrication). A virtual symposium on Green Photonics also will be held. The trade show and conference kicks off with BiOS, where the latest optical and photonic technologies used in diagnostics, therapeutics, and imaging are presented and discussed.

BioMed 2013: 10th IASTED International Conference on Biomedical Engineering - February 13 - 15, 2013 • Innsbruck Austria

An event of the International Association of Science and Technology for Development

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Location
The Moscone Center
San Francisco
California, USA

Exhibition
BIOS Expo: 2-3 February 2013
Photonics West: 6-7 February 2013

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