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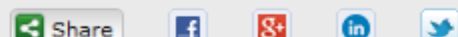
See how one state is kicking hyperspectral imaging into hyperdrive!

Montana Invests in Optics for Agriculture



Two sets of grants worth more than \$2.8 million will aid commercialization of technologies developed at Montana State University, fostering partnerships with several Bozeman-area businesses and even helping to launch a pair of university spinoffs.

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Heidelberg Engineering Licenses OCT Ophthalmology Technology from Mass General

The agreement grants Heidelberg exclusive global rights to 77 basic patents and patent applications related to swept-source optical coherence tomography (OCT) technology developed at the hospital. The company and the hospital's Wellman Center for Photomedicine also plan to partner on future OCT research.

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Thorlabs to Acquire Fiber Firm Vytran

Thorlabs Inc. of New Jersey next month plans to acquire fiber processing technologies firm Vytran LLC from NKT Holding AS of Denmark.

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Featured Products



Bi-Telecentric Lenses
Daheng New Epoch Technology
Telecentric lenses are developed by using a pair of base lenses to achieve telecentricity required on object and image plane. The combined lens system is a focal lens system with an aperture stop located at the common focus of the front and back lens.

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New Thermography Camera Systems
Sierra Olympic Technologies
Sierra-Olympic Technologies introduces two LWIR thermography camera systems. The cameras provide radiometric calibration from -20° C to +650°C over two imaging ranges.

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Curved Displays
Abrisa Technologies
Abrisa offers transparent conductive ITO, photonic AR and filter coatings on 50 to 100 micron thin, flexible glass to support ultra-thin and curved display needs while preserving the clarity of images that only glass can give.

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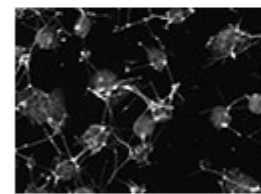


OptiCentric@ 3D UP
TRIOPTICS GmbH
The OptiCentric@ 3D UP is a pioneering ultra-precise metrology solution combining the proven OptiCentric@ centration measurement technology with the OptiSurf@ low-coherence interferometer.

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Stem Cell Differentiation Triggered With Light



Based on optogenetics techniques, the discovery could be a first step toward complex tissue engineering using light.

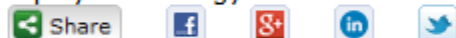
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Avegant Lands \$24M for Wearable Display Development

The capital will be used to launch the company's flagship personal media player, the Glyph. The device was developed using patented micromirror display technology.

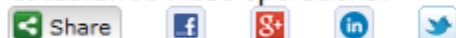
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Michael Platt to Manage Rebuilt Schott Facility in Pennsylvania

A fire broke out in the facility's warehouse March 3. Although fire officials estimated the damage at more than \$50 million, Schott said it has re-established most operations.

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Common Materials Could Simplify White LED Manufacturing

New materials and processes for phosphor-converted white LEDs (PC-WLEDs) could be up to 90 percent cheaper than current methods that rely on rare-earth elements.

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Ultrafast Fiber Laser Boasts Simple Design



Heat and vibration are no problem for an ultrafast laser with a cavity made entirely of polarization-maintaining optical fiber.

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Eulitha to Provide Photolithography System for Chinese Institute

The system incorporates displacement Talbot lithography technology, allowing researchers to print periodic patterns with feature sizes below 150 nm without severely limiting flatness or conductivity requirements.

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Industry Events



Biophotonics from Bench to Bedside - Sept. 24-25 · Bethesda, Md.
In a workshop hosted by SPIE and the National Institutes of Health, world-renowned researchers, scientists, engineers and physicians will assemble to share the latest trends in biophotonics. Emphasis will be placed on light-based technologies and their impact on science, medicine, therapies and diagnostics.

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OPHIR Spiricon – Everything to Measure Your Laser Beam

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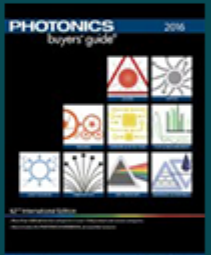
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