

sneak PREVIEW



SPIE PHOTONICS WEST – San Francisco, CA

February 16-18

An advance look at the products, trends and technologies being presented.



San Francisco in Lights

The Moscone Center in San Francisco is the place to be this month, when Photonics West comes to town. But this isn't the only exciting place to be in the city by the bay. In this issue of Sneak Preview — Photonics West Edition #2 — Photonics Media Senior Editor Justine Murphy looks at some other unique things happening around San Francisco, namely in the arts community.

The Embarcadero district in particular is bringing art to light (literally) with the Flaming Lotus Girls' Soma art installation, and Illuminate's Bay Lights display (created by world-renowned artist Leo Villareal) across the San Francisco Bay Bridge.

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Featured Exhibitors

Highly Efficient Lens Alignment

From: **TRIOPTICS GMBH**

MultiCentric[®] Cementing is the ultimate solution for the automated lens alignment and cementing process of doublets/triplets. It boosts the productivity by reducing the cycle time and by significantly increasing the yield of your doublet production. The lenses are either aligned on an arbor with the arbor axis as reference or aligned to each other with the optical axis of the lower lens as reference axis.



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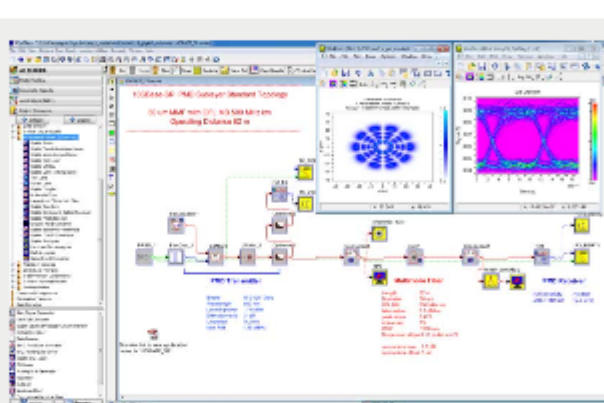
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RSoft Photonic & System Design Software

From: **SYNOPSYS**

The Synopsys RSoft Photonic System Design Suite includes new features to accelerate the design and fabrication of state-of-the-art silicon photonics, PICs and optical transceivers in data center applications. In addition, the latest release of the RSoft Photonic Component Design Suite enables faster simulations with new, flexible cluster licensing policies that take full advantage of multicore CPU architectures. Contact us today for a free evaluation.



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1919-R High Performance Optical Power Meter

From: **NEWPORT CORPORATION**

Newport's new 1919-R High Performance Optical Power Meter is an advanced Power/Energy Meter capable of measuring from pW to thousands of Watts, in an ergonomically designed compact body. It features on-board processing for advanced math and statistics functions, a color screen, and a comprehensive menu structure allowing an easy access to key functions.



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High Power Optical Isolators

From: **ELECTRO-OPTICS TECHNOLOGY, INC.**

Electro-Optics Technology supplies enabling components and diagnostic equipment for manufacturers and users of high power laser systems. Products include Faraday rotators, optical isolators, and fiber collimators for use with laser diodes, fiber lasers, and solid-state lasers. EOT also stocks a complete line of photodetectors.



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Precision Polymer Optics

From: **G-S PLASTIC OPTICS**

G-S Plastic Optics works with program leaders on complex optical challenges by providing polymer optics designed specifically for improving customers' market share and competitiveness. G-S Plastic Optics produces injection molded aspheric and free-form lenses, mirrors, and Fresnel and diffractive optics; and provides diamond-turned and injection molded prototypes, thin film and reflective coatings, and integrated optical solutions.



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Space Certified Laser Diodes

From: **PHOTODIGM, INC.**

Photodigm has completed its first campaign on high reliability space qualified DBR laser diodes in the Mercury™ and butterfly packages. The design and process of Photodigm's space qualified LDs follows a rigorous evaluation plan for quality and reliability assurance. The qualified devices completed endurance and mechanical stress tests that are compliant to both MIL883 standards and the specific requirements of interplanetary and low earth orbit missions.



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Cost-Sensitive SWIR Camera

From: **XENICS**

Xenics Bobcat-320 is ready to conquer cost-sensitive volume markets where performance in the SWIR wavelength matters. The camera, with in-house developed InGaAs imager, is well suited for various applications such as laser beam analysis, hyperspectral imaging and semiconductor failure analysis. Bobcat-320 is a small, high performance SWIR camera with TE cooler for excellent and stable images. Bobcat-320 allows easy system integration such as retrofitting industrial installations.



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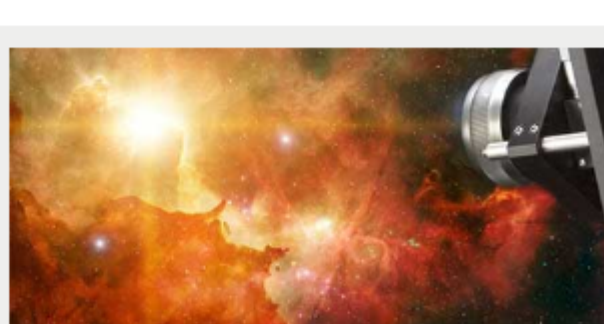
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Polarimetry Experts

From: **HINDS INSTRUMENTS, INC.**

The measurement of polarimetry properties has been Hinds Instruments' specialty for over 40 years. Our Stokes polarimeters measure the state and degree of polarization for light over a broad range of wavelengths. Systems range from entry level to research grade. In addition, a 4-PEM Mueller Matrix Polarimeter was recently introduced which measures all 16 matrix elements, fully characterizing the polarization parameters of any transparent sample.



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BIOS Expo, Booth 8515, February 13-14, Moscone West
Photonics West, Booth 904-905, February 16-18, Moscone South

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