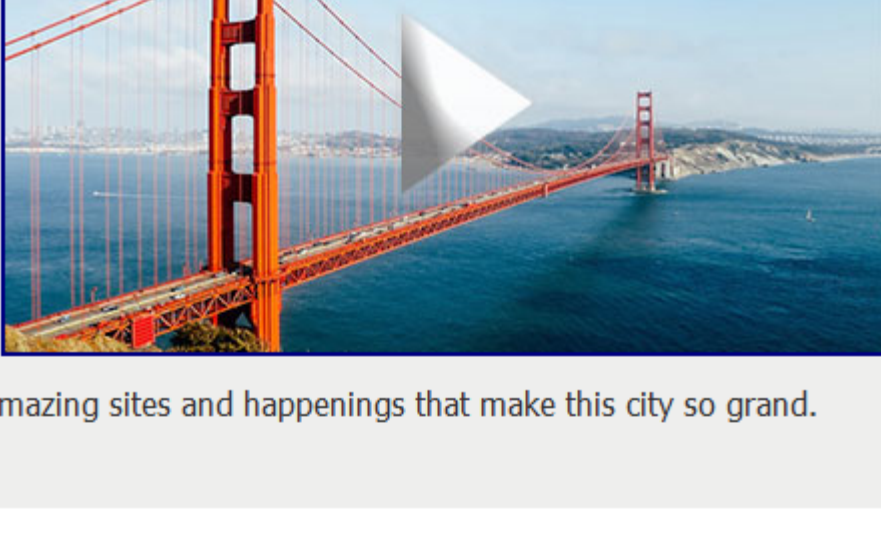




SPIE Photonics West – San Francisco, CA

January 30 - February 1

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

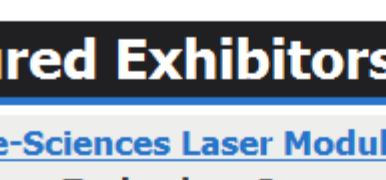


Something for Everyone in San Francisco!

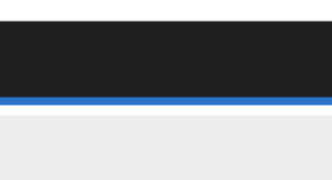
A number of events will be happening when the photonics industry arrives in San Francisco next week. From comedy shows and live music ... to art shows and museums ... there is definitely something for everyone in the city by the bay.

It's the place to be for any technology enthusiast, nature lover, foodie or history buff, and home to some of the world's most popular attractions. So while you're in San Francisco for Photonics West, find time for some of these amazing sites and happenings that make this city so grand.

[Watch Video](#)



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HighFinesse
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Photonics West 2018 - Booth 4645

Featured Exhibitors

2-3 μ Life-Sciences Laser Module
From: Power Technology Inc.
 A new 2,000 nm to 3,000 nm instrument quality laser diode module for high-end OEM applications offers extreme wavelength and power stability. The six advanced laser modules are available in the following configurations: 2,100 nm and 125 mW, 2,315 nm and 30 mW, 2,450 nm and 60 mW, 2,590 nm and 15 mW, 2,700 mW and 10 mW and 2,960 nm and 15mW.


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Cricket Intensifies Any Camera
From: PHOTONIS Technologies
 Photonis introduces Cricket, an electro-optic adapter that easily and inexpensively adds intensified imaging capability to any scientific camera. Cricket is a self-contained unit that provides power and proper 18mm alignment, and is equipped with C-mount connections. Simply attach your camera and lens to begin capturing intensified images. Cricket supports 200-900nm range and offers a wide range of options to support 1 μ lx sensitivity, high-speed imaging or single-photon counting.


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Wavemeters for Unrivaled Precision
From: TOPTICA Photonics Inc.
 The wavelength meters of the WS series accomplish wavelength measurements with highest accuracy. Both CW and pulsed lasers with narrow-band emission can be examined, monitored and even actively controlled. Various models of the WS series are available, covering UV to IR wavelength ranges 192 nm - 11 μ m.


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Quick Turn Prototypes
From: OPCO Laboratory Inc.
 At OPCO, we have extensive fabrication capabilities for rapid prototype creation of custom optics such as lenses, windows, mirrors and prisms. Equipped to produce prototype optics for evaluation of function, fit, and finish, we also tap into our 30-year history in thin-film design and production to provide coatings that optimize optical performance. To help our customers accelerate time to market, we deliver optics in as little as one week.


Visit us: Booth 648



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HyperFine Spectrometer
From: LightMachinery Inc.
 The HyperFine Spectrometer is ideal for pulsed laser characterization and for measuring the small spectral shifts from Brillouin or Raman scattering. Simple software allows you to review spectra in real time and save or export for more analysis.

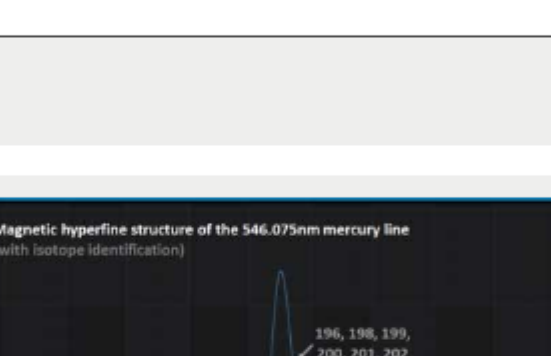
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Precision Motion, Smaller Products
From: New Scale Technologies Inc.
 Precision M3 microstages have built-in controllers. They are ready to plug-and-play directly with your system processor and 3-6 VDC power supply. No separate control board needed! You achieve smallest system size, fastest time to market, and lowest total cost. Discover the easiest, most cost-effective way to embed precision motion into your system. Create smaller, more advanced microscopes, spectroscopy instruments, camera systems and more. Embedded motion systems make great products smaller!


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High-Resolution Spectrum Analyzer
From: Bristol Instruments Inc.
 The Laser Spectrum Analyzer from Bristol Instruments operates as both a high-resolution spectrum analyzer and a high-accuracy wavelength meter. With spectral resolution up to 2 GHz, wavelength accuracy as high as \pm 0.0001 nm, and an optical rejection ratio of more than 40 dB, this instrument provides the most complete analysis for scientists and engineers who need to know the spectral properties of their lasers.


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Pioneering sCMOS Back Illuminated!
From: PCO-TECH Inc.
 PCO is introducing its latest camera innovation, the pco.panda 4.2 back illuminated (bi), a state-of-the-art sCMOS camera. It features the same compact 65 x 65 x 65 mm dimensions of the renowned pco.panda. PCO's new back illuminated sensor provides outstanding quantum efficiency, up to 95%. These attributes among others make the pco.panda 4.2bi camera of specific interest for microscopy and life science applications.

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RSoft Photonic Design Software
From: Synopsys Inc., Optical Solutions Group
 The Synopsys RSoft™ products streamline photonic and optoelectronic modeling:

- S-Matrix/PDK Generation Utility for efficient, multi-level photonic integrated circuit (PIC) design and analysis
- Interface with Synopsys' HSPICE® software for cohesive, precise modeling of optoelectronic circuits
- The RSoft-Sentaurus™ TCAD interface for efficient, robust optoelectronic analysis using native file formats

Contact us today for a free evaluation.

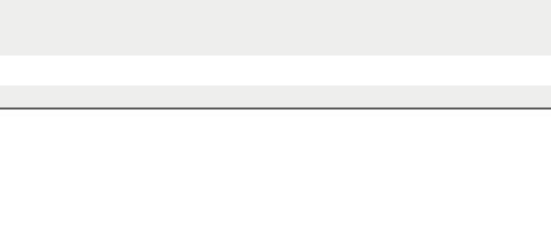
Visit us: Booth 941



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Photonic Foundries Technical Report
From: VLC Photonics SL
 With over a decade of experience as a fabless photonic design house, specialized in offering independent services for the development of Photonic Integrated Circuits, VLC Photonics is now releasing a technical report detailing more than "number" photonic foundries on different material platforms (silicon photonics, indium phosphide, silicon nitride, PLC...). This report will provide your company with consolidated and factual information to facilitate the right foundry selection for your integration project.


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Diverse Manufacturing Capabilities
From: Precision Optical
 Precision Optical offers a diverse portfolio of capabilities for the prototyping and large-volume production of precision optical components, with reliable, efficient strategies for manufacturing many different prism shapes, sizes, materials, thin-film coatings and assemblies. Key to the company's success has been our metrology, expanding our capabilities in all areas of optical fabrication and commitment to providing Precision Optical unsurpassed process control and flexibility in responding to customer requirements.

Visit us: Booth 1147




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New SiPMs Cover UV to NIR
From: Hamamatsu Corporation
 At Photonics West, Hamamatsu is introducing new MPPCs (SiPM) sensitive to UV, VIS, and NIR regions. These include:

- UV MPPCs (128 nm peak) for high energy physics
- UV-VIS MPPCs (450 nm peak) for scintillation-based applications (ex. medical imaging)
- VIS-NIR MPPCs (600 nm peak) for medical or life science applications
- NIR-enhanced MPPCs (905 nm peak) for LiDAR systems

Visit Hamamatsu's booth (#521) to check out these exciting SiPM products.


Visit us: Booth 521



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New Chameleon Discovery Advances Brain Imaging
From: Coherent Inc.
 The next-generation ultrafast laser from Coherent streamlines multiphoton excitation microscopy applications. With its exceptional beam quality and tunable capabilities, the Chameleon Discovery produces deeper, sharper, and faster imaging in a cost-effective reliable package.

Visit us: Booth 4829



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PHOTONICS MEDIA

We hope to see you at the following events!

Saturday, January 27th at 3:00 PM: Meet the Photonics Media Editors. Bring your article ideas, questions and comments and enjoy informal conversation with our Associate Managing Editor, Marcia Stamell. BIOS booth 8735.

Tuesday, January 30th at 3:00 PM: Meet the Photonics Media Editors: Michael Wheeler, Managing Editor; Marcia Stamell, Associate Managing Editor; Justine Murphy, Senior Editor and Autumn Pylant, News Editor. Photonics West booth 846 - 847.

Wednesday, January 31st from 2:00 – 4:00 PM. Meet the Author, Sarah Boisvert. Sarah will be on hand to talk about her new book, *The New Collar Workforce*. And as always, you can visit us online at www.photonics.com