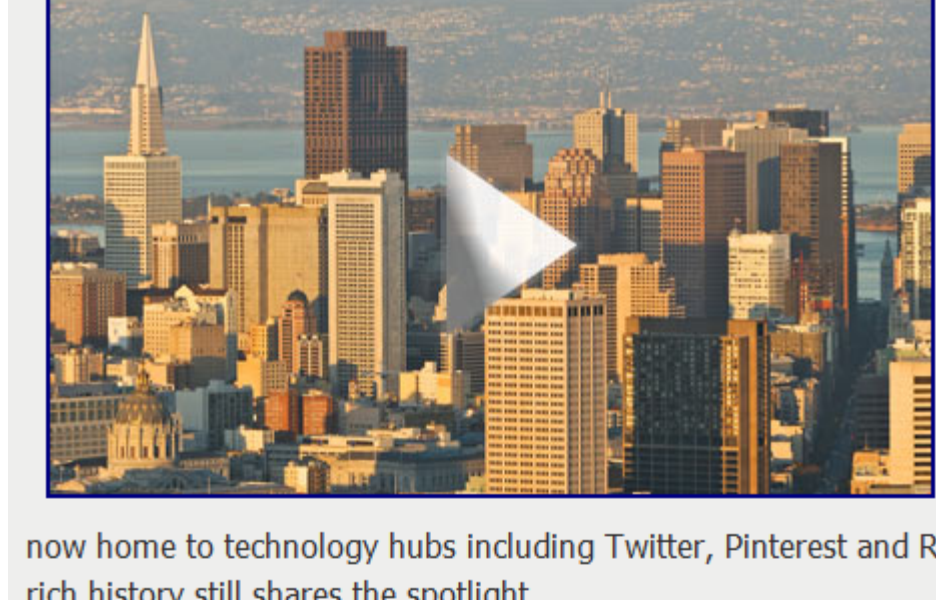




## SPIE Photonics West – San Francisco, CA

January 30 - February 1

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



### San Francisco: Where History Fuels Progression

Each year, the city of San Francisco welcomes the photonics community to the largest international conference and exhibition in the industry — Photonics West. The Moscone Center comes alive with the latest research and the newest products.

It's an ideal place to host such an event, as this city by the bay is well known for its innovation and progressive culture. And it's credited with a dot com surge that is now home to technology hubs including Twitter, Pinterest and Reddit. The future remains bright for San Francisco, but its rich history still shares the spotlight.

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### Featured Exhibitors

#### HEAR - DLC Coatings On IR Materials

From: **Applied Optics On Center (AOC)**

The Applied Optics Center is pleased to announce that we are adding capabilities which will allow us to supply HEAR (High Efficiency Anti-Reflection) and DLC (Diamond Like Carbon) thin-film coatings on IR materials. A full array of testing has been performed on sample lenses and test results can be provided upon request. These coatings will support both the 3-5µm and 8-12µm regions.



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#### Customized OEM Optical Systems

From: **Prior Scientific Inc.**

Prior Scientific manufactures products for automated microscopy systems. Our exhibit will feature several off-the-shelf components and custom OEM designs including: precision XY stages, nanopositioners, laser focusing options, filter changers, illumination systems and robotic sample handling systems. Visit us at booth #118 to discuss your OEM product design or contract manufacturing requirements with our sales engineers!



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#### Glass Processing System

From: **NYFORS Teknologi AB**

The NYFORS SMARTSPLICER is a CO<sub>2</sub> laser glass processing system designed for the production of high power and sensitive photonics components. It offers contamination free splicing, repeatable performance and low maintenance. Splicing and tapering can be performed with glass diameters of up to 2.5 mm. It also offers bundling and many other glass shaping processes. NYFORS provides automated high precision solutions for fibre preparation such as stripping, cleaving, recoating, cleave quality inspection, proof testing and analyzing.



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#### PicoQuant. Experience Flexibility.

From: **PicoQuant GmbH**

The VisIR/VisUV picosecond pulsed laser platform is expanded through the inclusion of two high-powered modules with dual output in the UV/green (280/560 nm) and UV/orange (295/590 nm) spectral regions. Thanks to the biological relevance of their emission wavelengths, both modules are optimally suited for exciting molecular probes, fluorescent proteins, or even tryptophane in a wide variety of time-resolved spectroscopy and microscopy applications, including STED super-resolution microscopy.



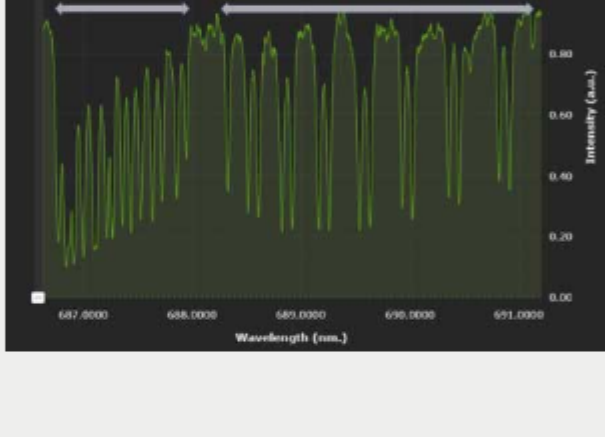
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#### Hornet Spectrometer

From: **LightMachinery Inc.**

The Hornet spectrometer is designed for characterizing laser spectra. It is a compact, low cost spectrometer capable of better than 30 picometer resolution. The resolution of large gratings spectrometers at a fraction of their cost and size while covering a larger wavelength range.



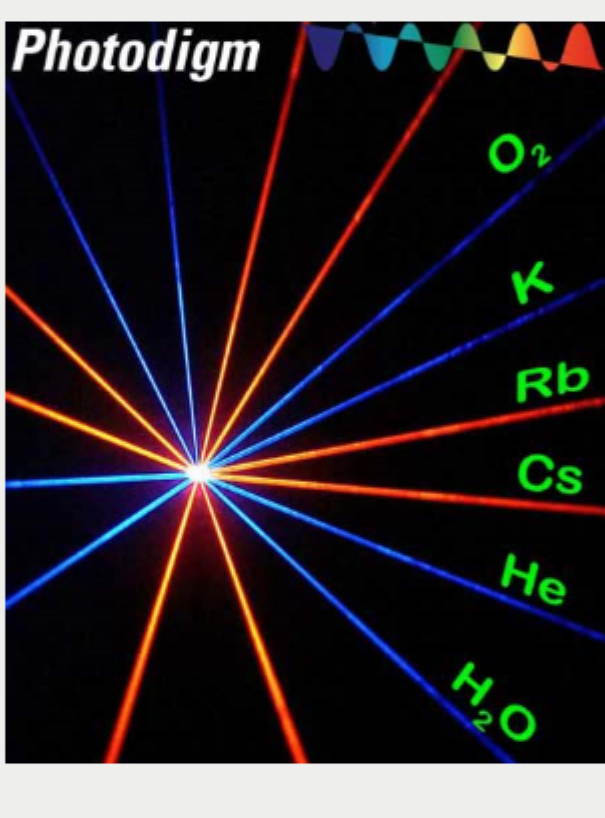
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#### Spectroscopy-Certified™ Lasers

From: **Photodigm Inc.**

Photodigm offers the broadest range of monolithic DBR laser diodes designed for probing atomic and molecular spectroscopic transitions. We fabricate our own product, enabling us to meet our customers' requirements for superior performance at the highest available powers. Available today in multiple package options. Photodigm single-frequency, tunable DBRs form the building blocks for tomorrow's atom-based handheld and mobile systems.



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#### PoISNAP™ Compact Stokes Polarimeter

From: **Hinds Instruments Inc.**

Trust the polarization experts from Hinds Instruments to supply you with quantitative polarization data for your free space or fiber coupled VIS and NIR light sources with our PoISNAP™ Compact Stokes Polarimeter. This easy to use single module is a plug and play system that comes ready with real time interactive software reporting Stokes Vector values and degree of polarization along with a visual Polarization Ellipse and Poincare Sphere.



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#### NTKJ's Fluoropolymer Lenses

From: **RHK Japan Inc.**

NTKJ specializes in ultraprecision machining, heating fluoropolymer Fresnel and extra-large-sized lens manufacturing. Now offering Fluoropolymer Fresnel Lenses with unparallel transmitting wavelength range from 200 nm to 6 µm.



NTKJ also provides made-to-order plastic lens manufacturing services and off-the-shelf Fresnel, lenticular lenses and microlens arrays for LED illumination applications. Recently developed elliptical Fresnel lenses can be used to make freeform lenses thinner and lighter.

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#### 1919-R High Performance Optical Power Meter

From: **Newport Corporation**

The Newport 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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#### Precision Polymer Optics

From: **GS Plastic Optics**

Improve your competitiveness. Improve your market share.

- Design for manufacturing
- Diamond-turning
- Production injection molding
- Thin-film coatings on polymers
- Optical assemblies
- Complete metrology



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#### IR Narrow Bandpass Filters

From: **Deposition Sciences Inc. (DSI)**

DSI's mid-wave (MWIR) and long-wave infrared (LWIR) narrow bandpass filters deliver high in-band transmittance, strong out-of-band blocking, and superior environmental stability. They're available on several IR substrates, including Ge, Si, ZnS, ZnSe, quartz, and sapphire, in diameters of up to 100 mm, making them ideal for demanding applications in absorption spectroscopy, including gas detection, atmospheric sensing, medical monitoring, and environmental analysis, as well as thermal sensing tasks.



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