



SPIE Photonics West 2022



Photonics West Returns to San Francisco in 2022

The industry's largest annual trade show will return to an in-person format at San Francisco's Moscone Center this month. The event runs from Jan. 22 to 27 and unveils many of the industry's latest scientific, technical, and business innovations. Photonics West 2022 will showcase the latest discoveries, technologies, and applications in the photonics field across its exhibition floor and at its four conferences.

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sponsor

Universal Optical DNA Rapid Detection System for **PATHOGENS**
Including Covid-19, Sars, Ebola, Cholera, Salmonella, etc. (LAMPY™ Series) [Learn more >](#)



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Polarization Entangled Photon Sources [Learn more <](#)



.: Featured Exhibitors

[Smart Products for Embedded Vision](#)

From: Vision Components GmbH

Ideal for complex image preprocessing at the edge: Vision Components presents its FPGA-based hardware accelerator VC Power SoM with multiple MIPI-CSI-2 interfaces. It is as easy to integrate as a conventional VC MIPI camera module. OEMs can thus work with their desired embedded processor and use its full computing power for the particular application. VC also shows new MIPI modules, for the first time including SWIR and ToF sensors.



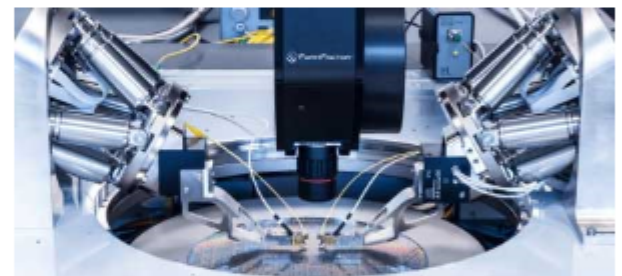
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[Fast Photonics & Optics Alignment](#)

From: PI (Physik Instrumente) LP, Motion Control, Air Bearings, Piezo Mechanics

PI provides the world's fastest active alignment algorithms and motion systems for fibers, lenses, and SIP components. See multi-axis motion systems and fast laser beam steering systems in action!



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[Universal Optical Detection System](#)

From: OZ Optics Limited

This system is used to detect viral and bacterial DNA/RNA including COVID-19, Ebola, E.coli, Cholera, Salmonella, etc. using LAMP method. It is cost effective and rapid testing with less than 30 minutes measurement time. The user can test up to 8 samples simultaneously with upgradable 96 samples version at a time. Wireless communication to smart phones and computers is available.



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[IR Detectors Epitaxial Wafers](#)

From: VIGO System

A European manufacturer of semiconducting materials and instruments for photonic and microelectronic, specialized in mid-infrared detectors, produced with the use of internally developed technology. It has a complete front-end and back-end production line for semiconductor high capacity instruments — epitaxy of II-IV and III-V groups, the production of detector chips and lasers, and their assembly and integration with electronics.



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