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PREVIEW

PHOTONICS
MEDIA photonics.com

SPIE Photonics West 2022



SPIE and Photonics Media Announce Finalists for 2022 Prism Awards

Industry giants and emerging challengers will be honored at the Prism Awards in a ceremony at SPIE Photonics West. The annual event, now in its 14th year, recognizes industrial innovation in photonics in multiple categories. For the consideration of the 2022 Prism Awards, SPIE, the international society for optics and photonics, and media partner Photonics Media received 120 applications from 18 countries.

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Featured Exhibitors

[Microscope Objectives, Tube Lenses](#)

From: Olympus Corp. of the Americas

Meet the Olympus OEM team. We are dedicated to assisting engineers and system designers with selecting optimal microscope components for integration into imaging, detection, or analysis equipment. Learn about our X Line objectives' novel manufacturing technology, our selection of tube lenses, and minimizing an optical system for a compact imaging device.



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[Measure the XR Experience](#)

From: Radiant Vision Systems, Test & Measurement

Join us as we debut test and measurement systems for evaluating the visual experience of XR displays within the headset. Radiant's high-resolution photometric imagers pair with lenses in a range of configurations to emulate the human eye's proximity, FOV, focus flexibility, and light sensitivity from the near-eye viewing position. Get tools that adapt to new and changing device parameters (head straps, dual displays, focus changes, left-eye/right-eye) with speed and simplicity.



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[Hollow Retroreflectors](#)

From: Spectrum Scientific Inc. (SSI)

Spectrum Scientific's (SSI) hollow retroreflectors are manufactured from solid aluminum, making them insensitive to vibration and positioning. Our replication process allows for high-volume repeatable performance down to <2 arcsec return beam accuracy. Mounting features and fiducials can be incorporated directly into the retroreflector allowing for easy alignment, additional design freedom, and cost reduction benefits.



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[160° Ultrawide-Angle Diffuser](#)

From: Focuslight Technologies

Focuslight's 160° diffuser combines with an optimized intensity distribution for accurate and reliable sensing over the full angle of illumination. The new diffuser can shape laser beams used in LiDAR and 3D sensing applications and has been adopted in our upcoming AT02 Pro VCSEL Illuminator designed for DMS/OMS.



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[Laser Sensor for Very Short Pulses](#)

From: Ophir, Photonics

The Ophir® F80(120)A-CM-17 is a state-of-the-art thermal sensor for measuring high repetition rate lasers with very short pulses in the nano, pico, and femtosecond ranges. High repetition rate lasers induce damage to conventional sensor coatings at lower power densities than required by users. The F80(120)A-CM-17 is a compact, calibrated, fan cooled sensor designed to solve that problem. It can withstand higher power densities and measure average power to 80 W, intermittent power to 120 W.



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[Cricket 2 Advanced Image Intensifier Adapter](#)

From: Photonics Scientific Inc.

Designed for researchers who dedicate time to science rather than instrument set-up, Cricket 2 offers plug and play intensified imaging or single photon counting functionality. Recognized for best value, Cricket 2 sets an unmatched standard for connectivity with scientific microscopes and cameras. Easy to use and adaptable for future requirements due to the wide choice of Hi-QE photocathodes and gating options. All made by Photonics, the global leader in Image Intensifier Technology. The Cricket 2 Advanced Image Intensifier Adapter is compatible with most CCD, CMOS, EMCCD, and sCMOS cameras, and is ideal for a large number of applications including physics, FLIM, plasma research, and corona detection.



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