



SPIE Photonics West 2022



Biomedical Research, Innovation to Take Center Stage at SPIE BiOS

A rapid-fire Hot Topics session featuring talks on the latest in biomedical optics, from live analysis of embryonic development to deep learning-enabled optics, will be a centerpiece at SPIE BiOS — part of Photonics West 2022 — to be held Saturday and Sunday, January 22-23, at the Moscone Center in San Francisco. The event will take place in person once again and will feature a host of photonics companies offering a variety of technology for health and life science applications in its companion exhibition.

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Featured Exhibitors

[BLINK HS-EHN: Enhanced Sensitivity](#)

From: **LaserPoint srl**

BLINK HS-ENH is a measurement system based on BLINK High-Speed thermal sensor and HSM meter specifically developed for ultrafast lasers with low energy per pulse, down to 1 μ J and high repetition rate up to MHz range. A specific calibration is performed using high gain amplification for increasing signal to noise ratio and measurement accuracy. The instrument comes with Giotto Software, a user-friendly GUI for working at different gain levels.



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[C30733 Series Avalanche Photodiode](#)

From: **Excelitas Technologies Corp.**

The Excelitas C30733 Series InGaAs Avalanche Photodiodes provide high quantum efficiency, high responsivity, low noise, and fast recovery in the spectral range between 1000 nm and 1700 nm. Offered in either hermetically sealed TO-packages, or with a fiber pigtail for optimal coupling onto the 30- μ m diameter active area, the C30733 Series provides the highest performance level for high-end test equipment where extremely fast response and recovery time is required.



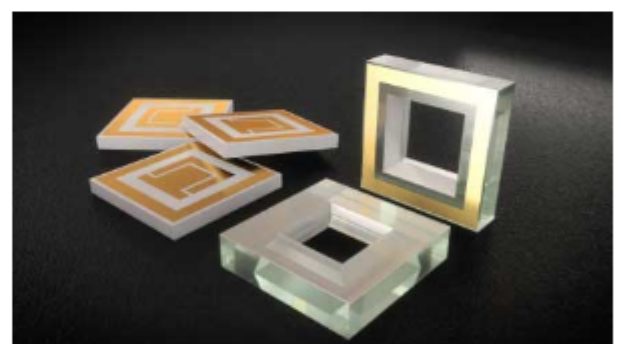
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[CupLid Cavity Windows](#)

From: **Materion Balzers Optics**

For miniaturized packaging of photonic chips, including photodetectors, laser diodes, LEDs and MEMS mirrors, we have developed CupLid Cavity Windows, a space-saving surface mount photonic package. They are available with various anti-reflective or filter coatings and can be shipped fully furnished with tack-welded solder preforms for easy handling and assembly.



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[Stress Birefringence Measurement in Optics](#)

From: **Hinds Instruments Inc.**

The new Exicor 120AT system was designed specifically for small samples. The 120AT offers the same low signal-to-noise and retardation resolution you have come to expect from the award winning Exicor series. Included in the new design is an upgraded sample stage which offers the user up to 15 samples/sec at 1 mm spacing.



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