



SPIE Photonics West 2021

SPIE. PHOTONICS WEST

Photonics West 2021 Shifts to Digital Forum Model, Will Feature On-Demand Viewings

World-class presenters and exhibitors highlight SPIE Photonics West 2021, taking place March 6 to 11. The digital event features mainstay segments and conferences, including BIOS, LASE, and OPTO, as well as Quantum West, a new edition to this year's digital forum. Attendees will be able to view live plenary sessions, visit a digital marketplace, explore technical conferences, and attend live events. The Prism Awards ceremony will take place virtually on March 3, prior to the launch of the Photonics West Digital Forum.

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.: Featured Exhibitors

[OL 459 Tunable LED Standard](#)

From: Optronic Laboratories Inc.

The OL 459 Tunable Light Standard is a 5-channel LED based source that is an ideal reference source for calibrating imaging cameras, photometers, colorimeters, and other optical instruments. It provides a continuous spectrum from 380-1000 nm, and features a highly reflective, uniform 6-inch integrating sphere, monitor detector, and embedded thermal management system to maximize stability and control over source output. It can be operated manually, or remotely.



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[Near-IR Light Measurement System](#)

From: Radiant Vision Systems, Test & Measurement

Sensing systems that use near-infrared light require measurement to ensure light sources meet performance and eye safety requirements. The award-winning NIR Intensity Lens captures and evaluates the intensity of near-IR VCSELs and LEDs, applying Fourier optics to image the angular output of each source to $\pm 70^\circ$ at once. Used in production, the solution maximizes speed for testing beams and patterns used for facial ID, gesture recognition, eye tracking, and lidar.



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[Optical Detection System: COVID-19](#)

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 & computers is available.



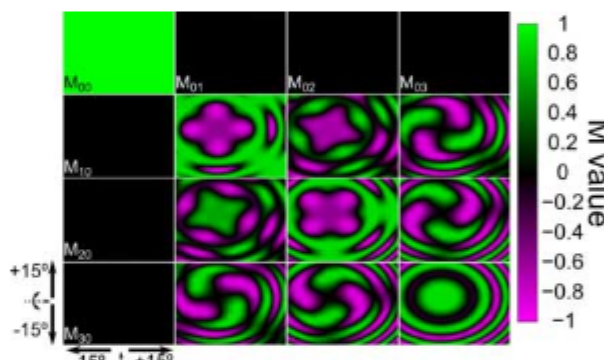
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[Excior® XT Mueller Polarimeter](#)

From: Hinds Instruments Inc.

Hinds Instruments introduces the latest Mueller Polarimeter. Applications include biological and non-biological nanostructures, optics, crystals, flat panel display, and optical lithography research. Hinds' Excior XT systems offer - Simultaneous measurements of all 16 Mueller matrix elements - Highest available sensitivity - Determination of all polarization parameters and estimation for depolarization - Minimal wavelength restrictions (DUV-IR) - Floor mount or bench top design, with flexible stages for adding custom part holders.



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[ContourX-500 Optical Profilometer](#)

From: Bruker Nano Surfaces

As the world's most comprehensive automated benchtop system for fast, non-contact 3D surface metrology, ContourX-500 boasts unmatched Z-axis resolution and accuracy. The profiler delivers the many advantages of Bruker's white light interferometry floor-standing models in a much smaller footprint that is easily customized for the widest range of applications, from QA/QC metrology of precision machined surfaces and semiconductor processes to R&D characterization for ophthalmics and MEMS devices.



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[BladeCam2 USB 3.0 Beam Profiler](#)

From: DataRay Inc.

DataRay's new BladeCam2 offers high-speed, affordable laser beam profiling from 190 to 1150 nm in a compact, port-powered footprint.



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[Nanopositioners, Microstages & AFM](#)

From: Mad City Labs Inc.

Mad City Labs offers a complete product line of high precision piezo nanopositioners, microscope stages, micropositioners, single molecule microscopes, and atomic force microscopes (AFM). Applications include photonics, metrology, microscopy, and astronomy. Our nanopositioners feature proprietary PicoQ® sensors yielding picometer precision and low noise performance. Discover our innovative micro-to-pico scale positioning and instrument solutions by visiting our website. For custom and OEM enquiries please contact our technical sales team.



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[High Performance IBS Coatings](#)

From: Northrop Grumman Synoptics

Quasi-Rugate thin-film designs are optimized for high-power laser applications for ultra-fast through CW applications across the wavelength range of 355-2200 nm. Each design has a unique refractive index profile specifically tuned to give optimal performance for our customers' applications.



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VISIT OUR BOOTHS IN THE VIRTUAL MARKETPLACE

Visit us in the Virtual Marketplace at [BIOS](#) and [Photonics West](#) to see the latest from Photonics Media and subscribe for free.

During the digital forum, our staff will be available for 1:1 conversations during the following times: Monday, March 8 from 12:30 PM - 5:00 PM EST, Tuesday, March 9 from 10:00 AM - 5:00 PM EST, Wednesday, March 10 from 2:00 PM - 5:00 PM EST, and Thursday, March 11 from 8:30 AM - 5:00 PM EST.

And as always, you can visit us online at www.photonics.com

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