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PREVIEW

PHOTONICS
MEDIA photonics.com

SPIE Optics + Photonics 2022



SPIE Optics + Photonics to Host Cutting-Edge Technologies, Promote Industry Dialogue

A program featuring over 2000 presentations and spanning five days awaits SPIE Optics + Photonics 2022 attendees. The multidisciplinary optical sciences and technology meeting will be held at the San Diego Convention Center Aug. 21-25. The three-day industry exhibition kicks off Aug. 23.

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sponsor



Measure Glare Spread Function
with Meridian® SOL-55

Visit booth #529
to learn more

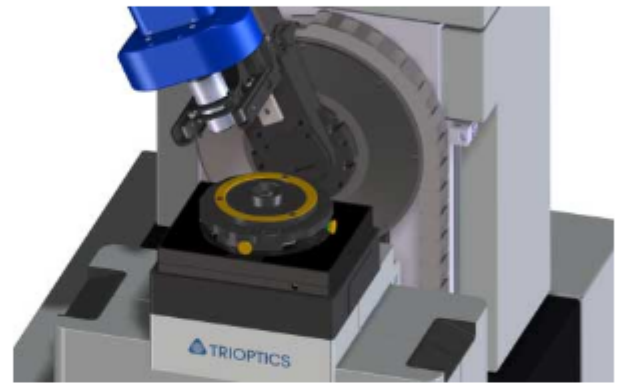


Featured Exhibitors

[Highly Accurate Image Quality Test](#)

From: **TRIOPTICS GmbH**

The newly developed ImageMaster® HR 2 from TRIOPTICS stands for highest accuracy and reproducibility in image quality testing. Highly stable measurement values, as well as user-friendly software support in combination with best mechanical features, contribute to better correlation testing. Extended sample ranges and measurement parameters, as well as the new MTF Studio software, are further improvements of the worldwide standard for image quality testing.



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[Entangled Photon Sources](#)

From: **OZ Optics Limited**

OZ Optics is excited to introduce bright polarization entangled photon sources. A unique, self-balancing interferometer is implemented to harness the high conversion efficiency of periodically poled crystals. This new product line, with a built-in pump laser, features low-noise floor and high fidelity of photon pairs, generated within narrow or broad spectral bandwidth at an optional wavelength between 810 nm and 1600 nm.



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[Measure GSF with Meridian® SOL-55](#)

From: **Optikos Corporation**

The SOL-55 is the first Meridian® targeting projector designed by Optikos to focus specifically on Glare Spread Function (GSF) measurements. Small aperture lenses, like those found in automotive cameras, are frequently subject to sun flare that can ruin image quality. Measuring GSF is crucial for ensuring that acceptable image quality, reliability, and safety standards are met in the performance of small aperture cameras. Learn more about the Meridian® SOL-55 at Optikos.com.



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[High-Speed Polarization Modulation](#)

From: **Hinds Instruments Inc.**

The PEM200 has a digital controller with USB 2.0 and Ethernet communication and optical enclosures with sleek, compact designs. Benefits to using the PEM200 are increased stability at low modulation, increased signal-to-noise for short wavelength applications, modulation purity, and high sensitivity (10⁻⁶). The PEM200 allows seamless integration into your optical setup in applications such as Astronomical Research, Remote Sensing, Materials Characterization and Research, Polarization Microscopy, and Pharmaceutical Research.



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