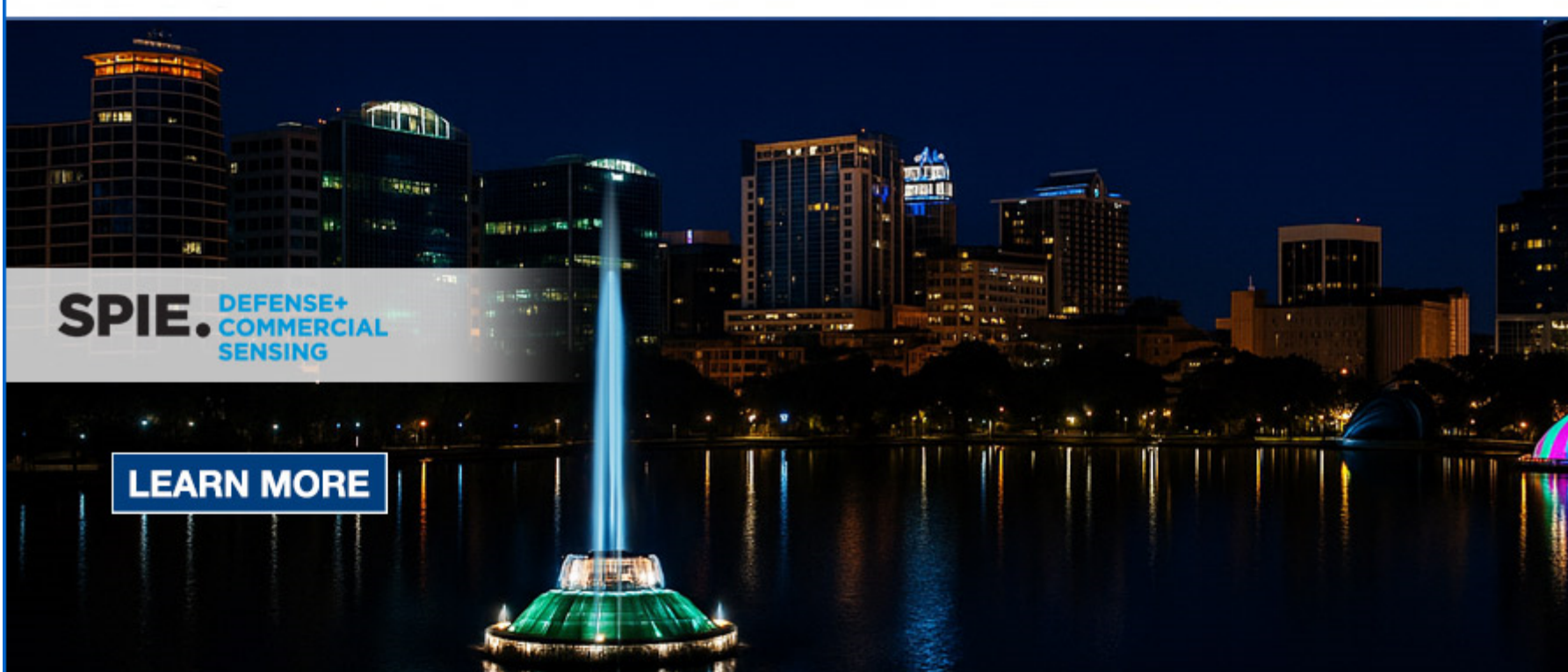


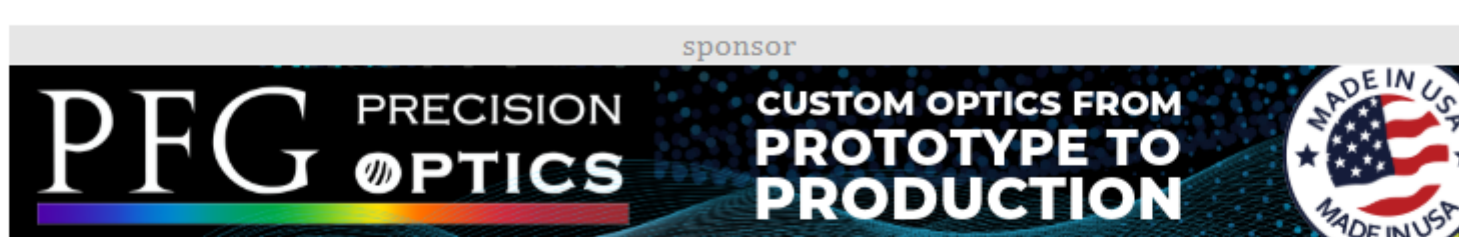
PHOTONICS spectra



SPIE Defense + Commercial Sensing Showcases Mission-Critical Innovations in the Sunshine State

SPIE Defense + Commercial Sensing brings industry leaders together to discuss advancements and challenges in detector and sensing systems for mission-critical operations. This year the show returns to Orlando, Florida, hosting conferences and exhibitors from April 13-17. The five-day event will feature more than 250 exhibitors, run hundreds of technical presentations, and offer courses with technical training, all at the Gaylord Palms Resort & Convention Center.

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Featured Exhibitors

Meet the Optikos ColliMeter Family

Optikos Corporation

The ColliMeter™ 350 and 50 from Optikos are measurement systems for the setup and qualification of collimators. This versatile instrument triangulates the apparent distance of polychromatic point sources, crosshairs, and more complex object geometries where interferometry and other wavefront sensors fall short. A wide dynamic range allows sensing of collimated beams as well as finite distances down to 2 meters. Available in visible and longwave infrared wavebands.

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BOOTH 620

Quantum Light Sources

OZ Optics Limited

OZ Optics is excited to introduce a new line of compact waveguide-based quantum entangled-photon sources with unprecedented brightness. A compensation-free and self-balanced Sagnac interferometric scheme is implemented to produce high-quality polarization entanglement and hyperentanglement. Aimed at emerging quantum photonics industries, satellite and space links, and ambitious researchers, these sources are presented as plug-and-play and integrable devices. They operate at room temperature and generate pairs within visible and telecom spectral ranges.

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BOOTH 1300

Conductive Optical Coatings

PFG Precision Optics

PFG's Conductive Coatings deliver effective EMI shielding for your system electronics while offering high transmission in the VIS and NIR bands. Optimized for defense and aerospace applications, these coatings are engineered to meet rigorous optical, electrical, and environmental requirements. Learn more at [pfgoptics.com](#)

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BOOTH 618

G5 Infrared Joins LightPath!

LightPath Technologies Inc.

LightPath Technologies' integration of G5 IR expands its defense, aerospace, and security offerings, enhancing thermal imaging solutions. The G5 Infrared Line provides superior long-, mid-, and short-range detection, including human and vehicle identification. Key features include ATCOM image stabilization, seamless integration, and advanced cooled Mid Wave VGA Detectors. These solutions deliver unmatched performance for securing critical infrastructure, data centers, and defense applications.

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BOOTH 1011

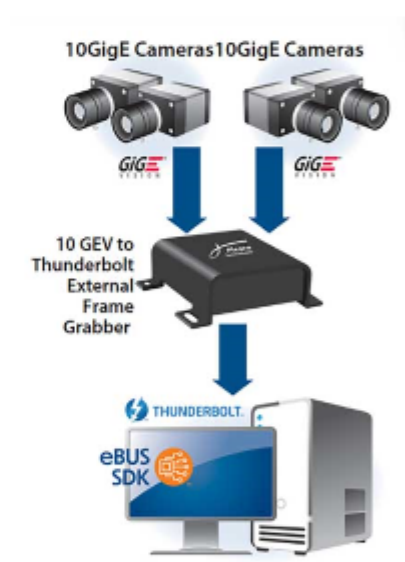
GEV-Thunderbolt Frame Grabber

Pleora Technologies Inc.

Visit Pleora for an imaging and sensor device demonstration of new GEV-Thunderbolt external frame grabber, providing system manufacturers and integrators with cost and design flexibility advantages by converting GigE Vision cameras into native PCIe cameras that transport high-speed data over Thunderbolt cabling. Designers can leverage the cabling and multicasting advantages of GigE Vision imaging with complex higher-speed applications, taking advantage of the lower cost, smaller form factor CPU platforms.

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BOOTH 1502

Make IR Imaging More Accessible

Lynred USA

LYNRED introduces two Advanced Thermal Imaging (ATI) modules: ATI EOLE and ATI GALATEA SL, designed to simplify the use of cooled infrared sensing. These SWaP modules deliver corrected IR images, transforming high-resolution IR technology into an easily operated solution. ATI EOLE is ideally suited for gas leak detection, while the ATI GALATEA SL assists gimble manufacturers for Unmanned Aerial Vehicles (UAVs). Visit us at Booth #1401!

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BOOTH 1401

Dione XP

Exosens SAS

The Dione XP series offers SWaP-optimized thermal cores in compact OEM and CAM versions. Featuring a 640 × 480 12-μm sensor with NETD down to 35 mK, it supports M24 and M34 lenses. Powered by XLIE algorithms, it delivers fast startup, superior image quality, and enhanced temperature handling. Firmware options include Performance Mode for optimal image clarity and Contour Detection Mode for precise edge recognition, meeting diverse integration and operational needs.

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BOOTH 705



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