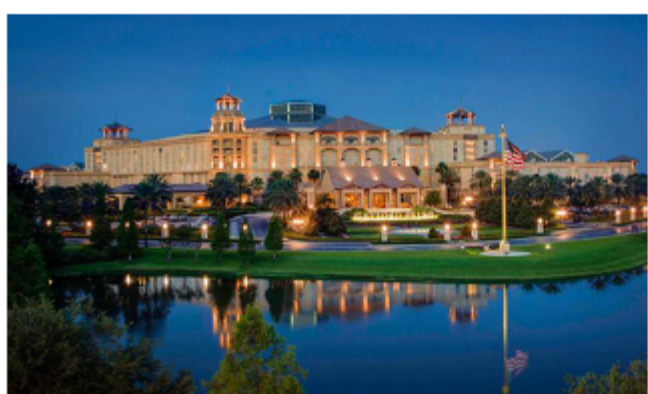


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SPIE Defense + Commercial Sensing 2022



SPIE Defense + Commercial Sensing Showcases Mission Critical Innovation

After taking on a virtual format in 2020 and 2021, SPIE's Defense + Commercial Sensing (DCS) will return to the exhibition hall April 3-7. The event will take place at the Gaylord Palms Resort and Convention Center outside Orlando, Fla. The event features four conference tracks and hundreds of technical presentations, as well as an exhibition hall showcasing the latest innovations in sensing, hands-on demonstrations, plenary sessions, and 19 courses focused on training and education.

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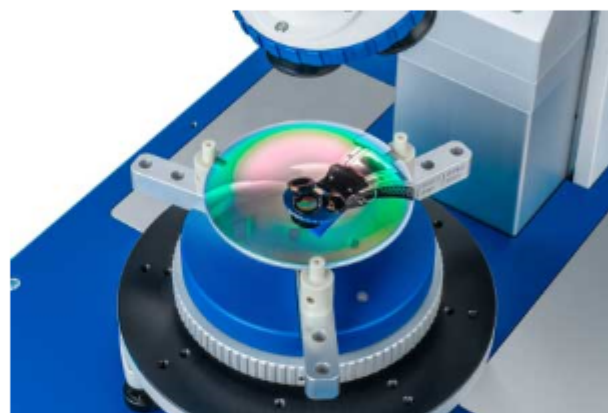


.: Featured Exhibitors

[Highly Precise IR Lens Centration](#)

From: **TRIOPTICS GmbH**

TRIOPTICS OptiCentric® 101 IR for testing and assembly of infrared lenses in VIS, MWIR, and LWIR reaches an unrivaled measurement accuracy of <math><0.25 \mu\text{m}</math> in the IR and <math><0.1 \mu\text{m}</math> for VIS. The unique IR-compatible air gap and center thickness measurement completes the optomechanical characterization. Invited presentation "Complete and efficient opto-mechanical characterization of IR lens assemblies" by Dr. Patrik Langehanenberg on April 5th.



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[IR, UV & THz Detection and Sources](#)

From: **Boston Electronics Corporation**

Boston Electronics offers a comprehensive range of IR, UV, and THz solutions for detection, measurement, and control. Featured at DCS, tunable QCL from 4 to 16+ μm , with various packaging options, and fiber coupling, low-cost, high-volume IR thermopile imaging arrays, MW and LW IR cooled and uncooled detectors, high performance IR cameras, THz imaging systems and sources, and IR emitters, and UV detectors and LED.



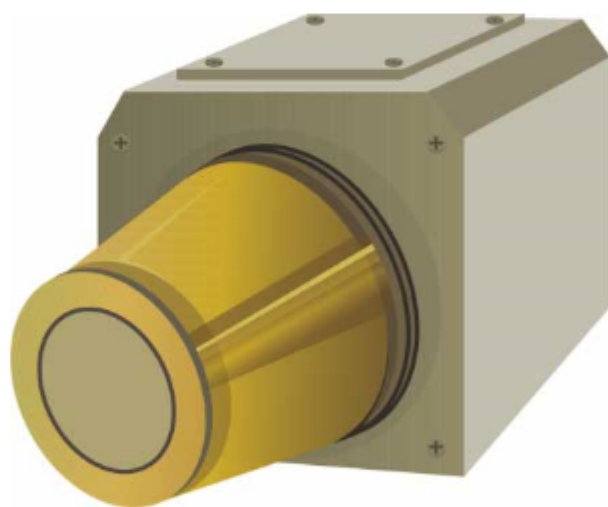
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[Window Housings Assemblies](#)

From: **Materion Balzers Optics**

New capabilities coming to Materion Balzers Optics - Window Housings for Cooled IR Detectors. Materion is a leading supplier of metalized windows for cooled IR detectors. Typical components include Ge or Si window, AR coated on both faces, and metalized at the perimeter. The window is soldered into a machined Kovar/Alloy 42 housing, then this subassembly is soldered or welded onto the cooled detector under a vacuum. Contact us to learn more.



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[Quantum Light Sources](#)

From: **OZ Optics Limited**

OZ is excited to introduce a new line of crystal-based quantum light sources. Aimed at the research community, these sources are fully customizable polarization entangled photon sources that utilize a novel compact auto-balancing interferometer design. They are alignment free, support all types of phase matching, and can produce polarization entangled photons at wavelengths from 750-1650 nm.



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