



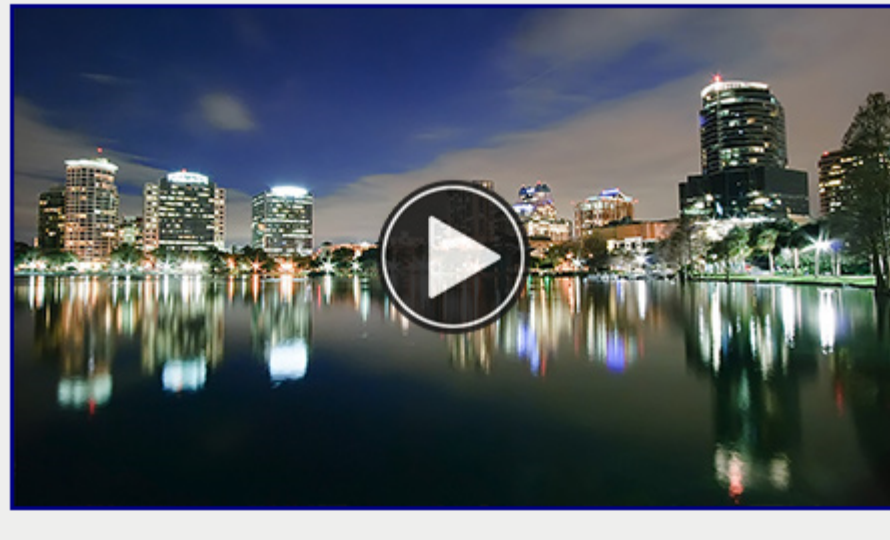
sneak PREVIEW



SPIE Defense & Commercial Sensing – Orlando, FL

April 17-19

An advanced look at the products, trends and technologies being presented.



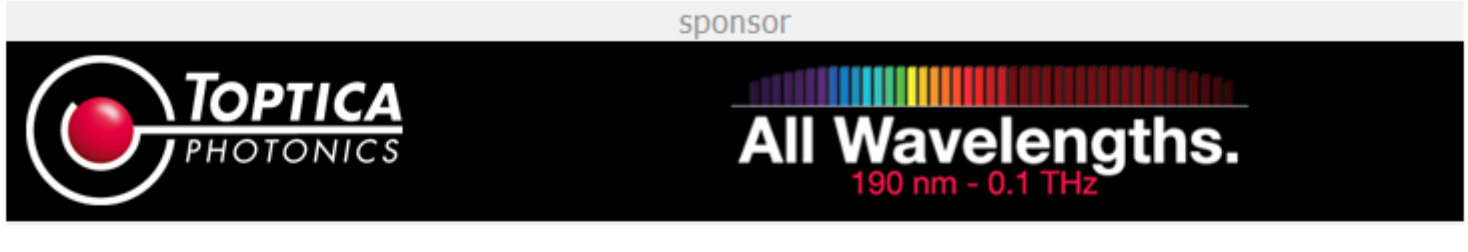
DCS 2018 Highlights Defense, Cyber Security

Today's high-tech world is reinventing warfare with the most advanced tools for soldiers and others in the defense and security landscape. The onset of new technologies is also advancing the environmental, cyber and health care segments. SPIE Defense + Commercial Sensing (DCS) puts such advancement at center stage.

This global conference and exhibition will be held this year at the Gaylord Palms Resort & Convention Center in Orlando, Fla., April 15-19. It will feature leading

technical conferences, courses and demonstrations on sensors, optics, imaging, lasers and related areas for defense, security, industry, health care and the environment. The latest technical advancements will be presented in sensors, infrared technology, laser systems, spectral imaging, radar, lidar and more, in addition to a large exhibition for companies around the world.

[Watch Video](#)

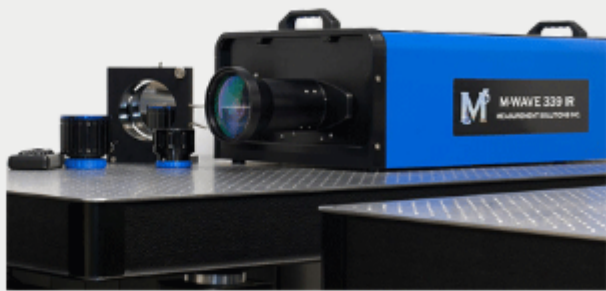


Featured Exhibitors

M-Wave 339 IR Interferometer

From: M3 Measurement Solutions Inc.

The M-Wave 339 is a state-of-the-art Infrared Interferometer operating at 3.39 micrometers. It is the ideal instrument for testing mid-wave infrared imaging components/systems and optical material homogeneity.



Visit us: Booth 1720

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High-Performance Infrared Detectors

From: Boston Electronics Corporation

Boston Electronics offers superior, fast, non-cryogenic infrared detectors from the industry leader, Vigo System. Detectors are either room-temperature or TE-cooled and have nanosecond time constants. Detectors (PC, PV or PEM) are available with preamplifiers, controllers and software providing you with turnkey capability for your most important measurements. We also provide OEM modules specially designed for your volume application and packaging requirements.



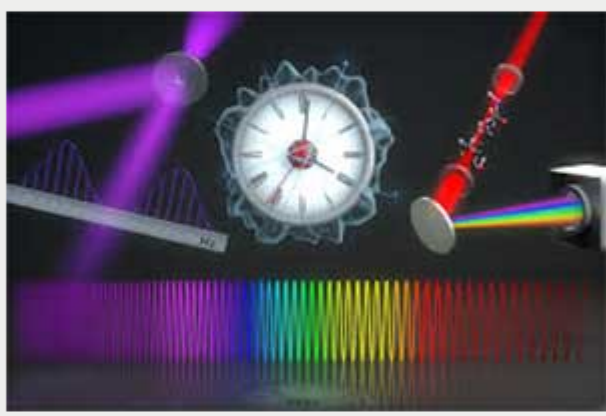
Visit us: Booth 814

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Frequency Comb

From: TOPTICA Photonics Inc.

TOPTICA's frequency comb product line is a modular system that supports a broad variety of applications. Three basic versions of the DFC are available: DFC CORE, DFC CORE+ and DFC SEED. All models use TOPTICA proprietary CERO-technology to achieve an unprecedented low-noise performance.



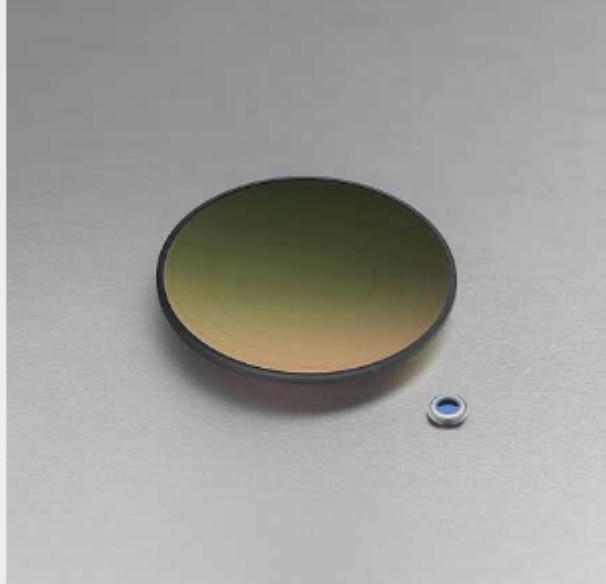
Visit us: Booth 1805

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Precision Molded Infrared Optics

From: FISBA LLC

Infrared optics are essential for many defense and security applications, such as, low-light imaging, thermal imaging, IR sensing and more. FISBA's AS9100 certified and ITAR compliant production facility in Tucson, Arizona, USA specializes in high-precision components in the SWIR, MWIR and LWIR, including aspheric and diffractive optics molded from chalcogenide glass. FISBA offers full service from initial feasibility studies and design, to serial production and assembly.



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Optics for High-Power

From: Optimax Systems Inc.

Optimax continues to push the limits of complexity, quality and speed. We have developed fabrication and coating capabilities designed for advanced optics used in directed energy, high-power lasers, and deep ultraviolet lithography systems. Our processes result in low-absorption, high-laser damage threshold and long lifetime. Discover how our laser-grade optics can enhance your system. Have an extreme application?



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Broadband Dark Mirror Coatings

From: Deposition Sciences Inc. (DSI)

DSI dark mirrors are ideal for defining apertures in optical systems where control of stray light and elimination of crosstalk are critical, such as in high-performance, low-light imaging or display systems for military, satellite, security and hyperspectral applications. DSI process capabilities deliver very broadband performance, and can produce precisely sized apertures ranging from circular to more complex geometries. Stop by our booth to learn more about our products.



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Riflescope and Telescope Afocal Lens Testing

From: Optikos Corporation

The AF-1100 Afocal Module and the OpTest® Lens Platform together provide the two rotations required when measuring inverting and non-inverting afocal lenses. The lenses under test is positioned on a rail so that the exit pupil coincides with an external aperture stop and a decollimating lens over the AF-1100 rotation axis. Entrance pupil walk across the collimated beam is then minimized by setting the specified separation of the two rotary axes.



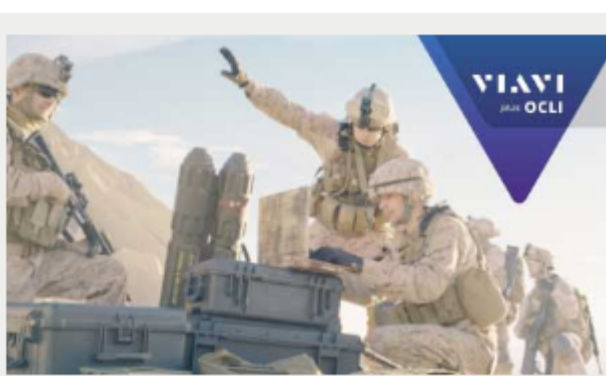
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Thin-Film Optical Coatings for Defense

From: Viavi Solutions Inc.

VIAVI Optical Security and Performance Products Group (formerly JDSU and OCLI) is a leading supplier of military-grade, custom thin-film coated optical products. From prototype to production, our expertise, technology, and processes give customers a competitive advantage. Our solutions are critical to a variety of aerospace and defense applications, including optics for guidance systems, laser protection, high-energy laser systems, and night vision systems. Learn more at viavisolutions.com/osp.



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PHOTONICS MEDIA



STOP BY OUR BOOTH

Visit us at Defense + Commercial Sensing 2018 in booth 1422. Our latest issues of *Photonics Spectra*, *Industrial Photonics*, *EuroPhotonics* and *Biophotonics* magazines will be there, including April *Photonics Spectra* with a feature article on Lasers in Defense and a Defense + Commercial Sensing Preview Special Section.

Pick up a copy at the show and subscribe or renew for FREE. And as always, you can visit us online at www.photonics.com