



## Weekly News



### New Technique for Mirrorless Lasers, Quantum-Ready Cyber Security

In the latest installment of Photonics Spectra Now, Coherent is selling its product division responsible for making and selling materials processing tools to Bystronic. Lidar developer Luminar has entered forbearance and is facing some tough decisions as it grapples with an SEC investigation. GlobalFoundries is announcing plans to invest \$1.2 billion to expand its facility in Dresden. Optica is announcing the addition of four members to its board of directors. NVIDIA is bridging classical and quantum computing through its new

high-speed interconnect. CyberRidge, specializing in photonic encryption technology, has raised \$26 million. A team from the University of Innsbruck and Harvard University has developed a new technique for generating laser light without the use of mirrors. Sponsored by Edmund Optics.

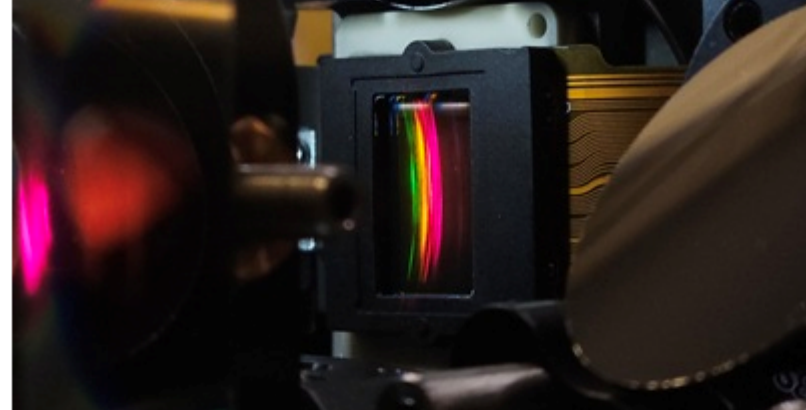
[Watch Now](#)



### SPIE Announces 2026 Prism Award Finalists

SPIE, the international society for optics and photonics, has named finalists for the 2026 Prism Awards. The 24 products — from companies ranging from emerging innovators to industry stalwarts — selected in eight categories, will be honored during a Jan. 21 gala evening at SPIE Photonics West. The annual event, which will be celebrating its 18th year, recognizes commercialized innovation in photonics, honoring

companies that are bringing transformative products to market. [Read Article](#)



### Spectral Shaper Controls Over 10,000 Laser Frequency Comb Lines

Researchers developed a technology that can shape the spectrum of light emitted from a laser frequency comb across the visible and near-infrared wavelengths with more precision than previously possible. This research could provide an important tool in the hunt for exoplanets, Earth-like planets outside our solar system. [Read Article](#)



### Leonardo DRS Announces Board and CEO Transitions

Leonardo DRS's chairman and CEO, William Lynn, will retire after 14 years leading the company. John Baylouny was named president and CEO, as well as a member of the board. Additionally, Frances Townsend was elected board chair. All changes are effective Jan. 1. Baylouny has served for more than 35 years at Leonardo DRS, currently as COO, a position he has held since 2018. [Read Article](#)



## Featured Products & Services

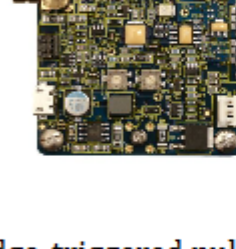


#### Andor CB2 sCMOS Series

**Oxford Instruments**  
The Andor CB2 Series is a new family of ultra-high performance scientific CMOS cameras with a spectral sensitivity from 200 to 1000 nm and resolutions ranging from 0.5 MP to 24.5 MP, designed for speed, sensitivity, and reliability across life sciences, physical sciences, and the semiconductor industry.

[Visit Website](#)

[Request Info](#)



#### T165 Laser Diode Pulser

**Highland Technology Inc.**  
The T165 is a picosecond to nanosecond laser diode pulser that incorporates an edge-triggered pulse generator with fast rise and fall times into a butterfly or TO-packaged laser. Its 2" x 2" design connects directly to standard 0.1" pin-pitch butterfly laser packages, making it ideal for OEM use in laser systems. Laser current, bias, and pulse widths are settable with onboard trimpots or via external analog inputs.

[Visit Website](#)

[Request Info](#)

## Looking for something else? Check the Photonics Marketplace.



## More News

[Amid SEC Investigation, Luminar Cuts Workforce, Weighs Bankruptcy](#)

[Computing Company Xanadu Plans to go Public](#)

[Coherent Sells Tools for Materials Processing Unit to Bystronic](#)

[GlobalFoundries to Invest \\$1.2B in Dresden Site](#)

## Latest Webinars



### Breaking the Manual Barrier: Automated Alignment for Photonics

**Mon, Nov 10, 2025 11:00 AM - 12:00 PM EST**

Discover how SmarAct's automated alignment platforms deliver submicrometer accuracy, ultrafast scanning, and modular adaptability, streamlining workflows from lab testing to production. Learn how automation is enhancing precision, efficiency, and scalability in photonics manufacturing. Presented by SmarAct.

[Register Now](#)

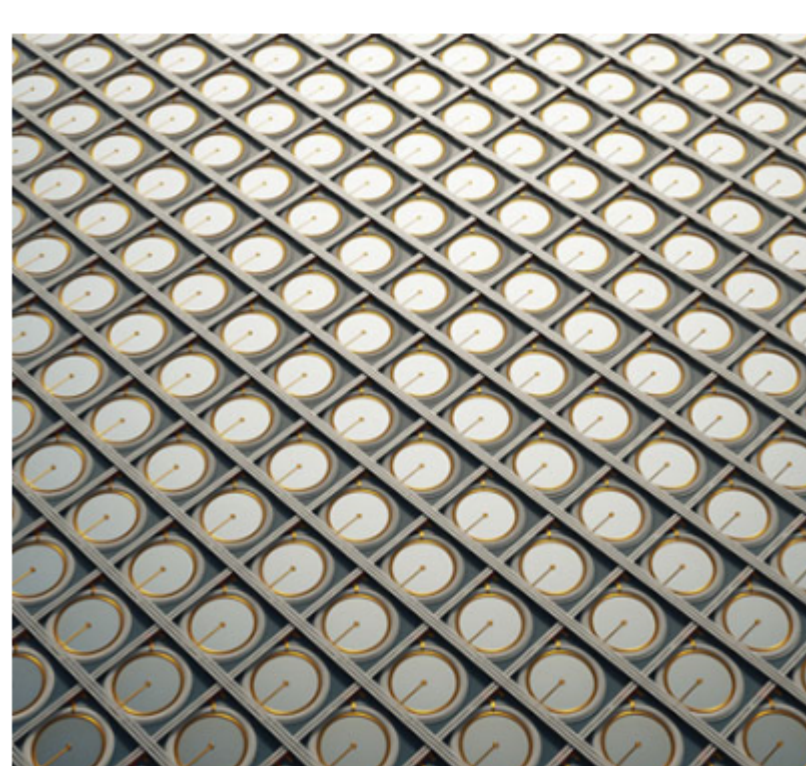


### Glass Microcomponents for Fiber Connectivity in Co-Packaged Optics and Quantum Photonics

**Tue, Nov 11, 2025 11:00 AM - 12:00 PM EST**

Learn how ultrafast laser microfabrication enables precise, scalable glass microcomponents that enhance fiber-to-chip alignment and light routing. These innovations are helping drive the next generation of integrated, quantum, and data center photonics with greater performance and efficiency.

[Register Now](#)



### SPAD Arrays and Cameras: A Comparison with Conventional Image Sensors and Detectors

**Wed, Nov 12, 2025 10:00 AM - 11:00 AM EST**

This webinar examines how single-photon avalanche diode (SPAD) arrays are transforming imaging and photon-counting technologies. Learn how SPAD-based systems compare with traditional detectors and where they deliver unique benefits across advanced imaging applications.

[Register Now](#)



### Design-for-Excellence (DfX): Building Scalable, Reliable Optical Systems

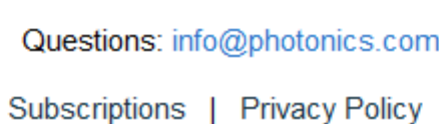
**Wed, Nov 19, 2025 11:00 AM - 12:00 PM EST**

See how applying Design-for-Excellence (DfX) principles from day one can transform optical product design. Boost performance, reliability, and manufacturability while cutting costs and time to market. Learn practical ways to create scalable, serviceable systems that deliver lasting value across imaging, aerospace, and medical applications. Presented by Optikos.

[Register Now](#)

#### Call for Articles

Photonics Media is currently seeking technical feature articles on a variety of topics for publication in our magazines (*Photonics Spectra*, *BioPhotonics*, and *Vision Spectra*). Please submit an informal 100-word abstract to [editorial@Photonics.com](mailto:editorial@Photonics.com), or use our [online submission form](#).



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