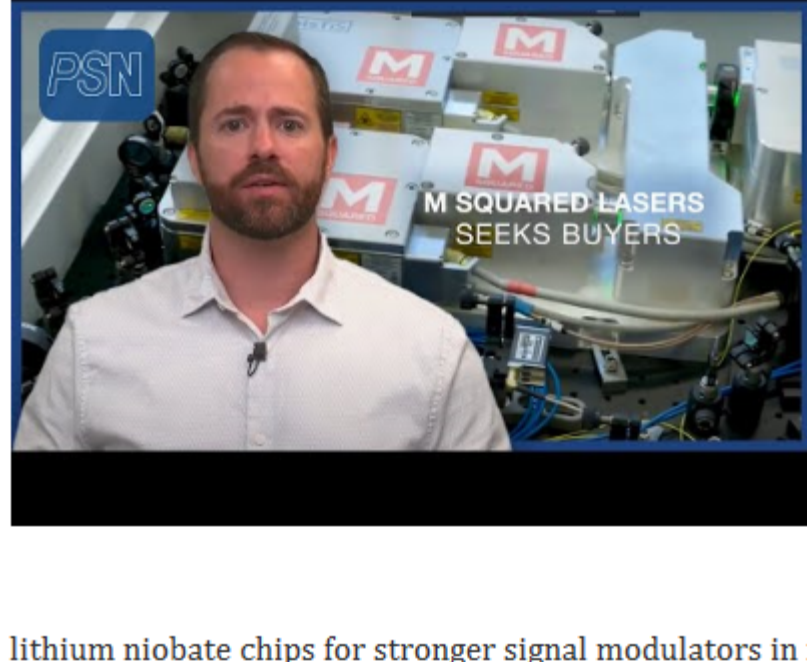




Weekly News



M Squared Lasers Seeks Buyers, Exosens Continues Growth Through Acquisitions

After 20 years in business, M Squared Lasers has fallen into administration and laid off its staff of nearly 30 workers in the process. Inertia Enterprises takes a step toward commercial fusion energy by launching as an independent company. Exosens continues to expand with the acquisition of Phasics. vivo and ZEISS have renewed and expanded their global imaging partnership agreement. Harvard's John A. Paulson School of Engineering and Applied Sciences is tapping into

lithium niobate chips for stronger signal modulators in fiber-optics networks. And a team from Penn State has developed a sensor that could diagnose diabetes with a breath. Sponsored by QED Technologies.

[Watch Now](#)

VoxelSensors, Qualcomm Collaborate on Extended Reality Tech

VoxelSensors, a sensing and AI data company, collaborated with Qualcomm Technologies to develop VoxelSensors' sensing technology with Snapdragon® XR Platforms. VoxelSensors developed a single-photon active event sensor 3D sensing, which solves depth sensing performance

limitations for robotics and AI. SPAES has 10x power savings and lower latency for performance across varied lighting



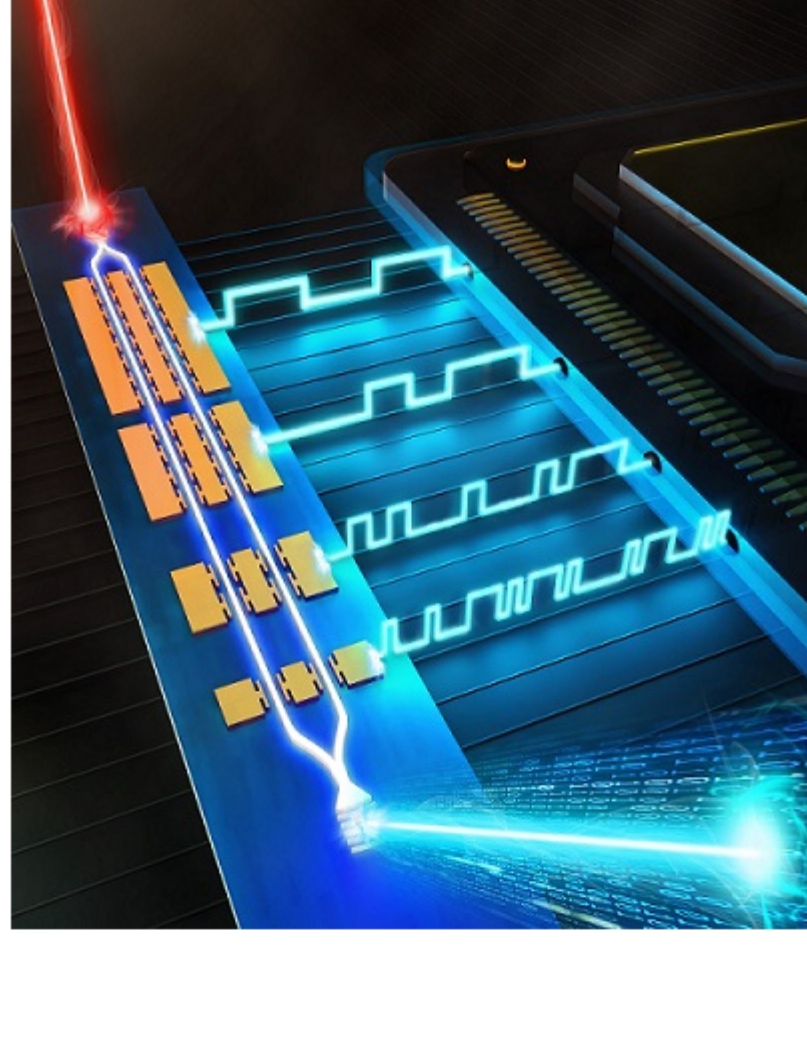
VoxelSensors® SPAES™ next-gen spatial module

conditions. [Read Article](#)

Lithium Niobate Device Offers Promising Replacement for Signal Modulators in Fiber-Optic Networks

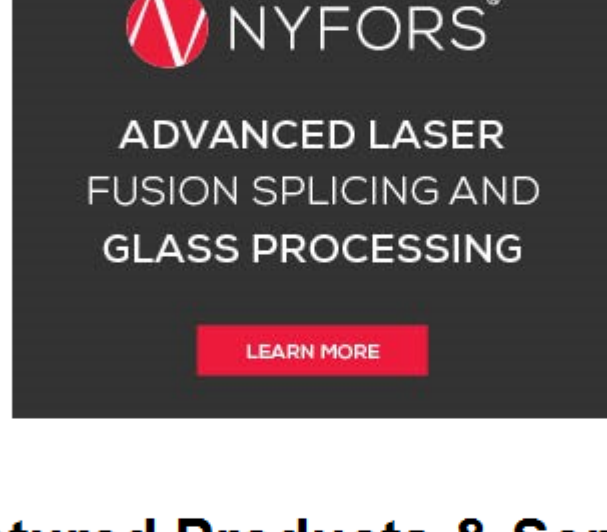
Addressing a major roadblock in next-generation photonic computing and signal processing systems, researchers in the Harvard John A. Paulson School of Engineering and Applied Sciences have created a device that can bridge digital electronic signals and analog light signals in one fluid step.

[Read Article](#)



Phase One Transitions Leadership

Henrik Håkansson stepped down as CEO of Phase One, a high-resolution digital imaging company. As of Sept. 1, Arne Dehn has assumed the role of CEO. Håkansson will continue to serve on Phase One's board of directors. [Read Article](#)



Featured Products & Services



CO₂ Laser Glass-Processing

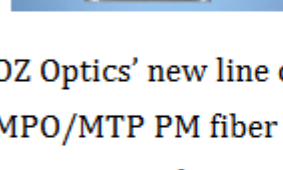
NYFORS Teknologi AB

CO₂ laser glass-processing is

designed to produce high-power and sensitive photonic components and complex structures. It guarantees contamination-free processing for fiber linear, 2D and gapless array splicing, ball lensing, end-capping, and many other challenging processes. NYFORS also manufactures automated high-precision solutions for fiber preparation, such as stripping, cleaving, recoating, and end-face inspection. NYFORS offers custom workcell automation solutions.

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MPO/MTP® PM Fiber Assemblies

OZ Optics Limited

OZ Optics' new line of 12- and 16-channel MPO/MTP PM fiber arrangements deliver a minimum Polarization Extinction Ratio (PER) of ≥20 dB, with a typical PER of ≥25 dB. This performance is achieved through high-precision PM axis alignment, better than ±3°. Our MPO/MTP assemblies are available in various Male, Female, Key Up and Down configurations, and can be customized with standard or specialty fibers for C&L, telecom, and other wavelengths.

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Looking for something else? Check the Photonics Marketplace.



More News

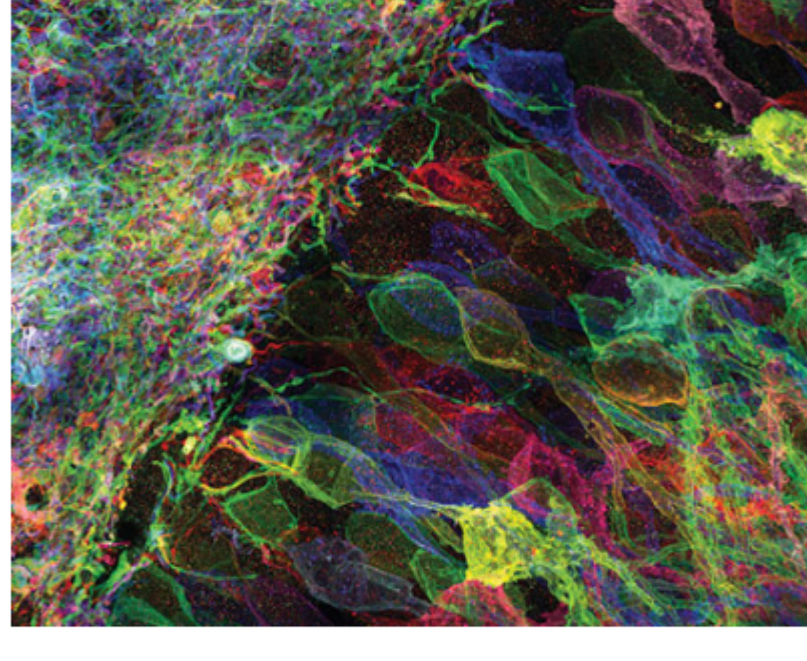
[Inertia Enterprise Launches, Eyes Commercial Fusion Energy](#)

[Baumer Acquires X-Sensors AG](#)

[CCS Group Opens Light Lab in Munich](#)

[M Squared Lasers Falls into Administration, Lays off Workforce](#)

Latest Webinars



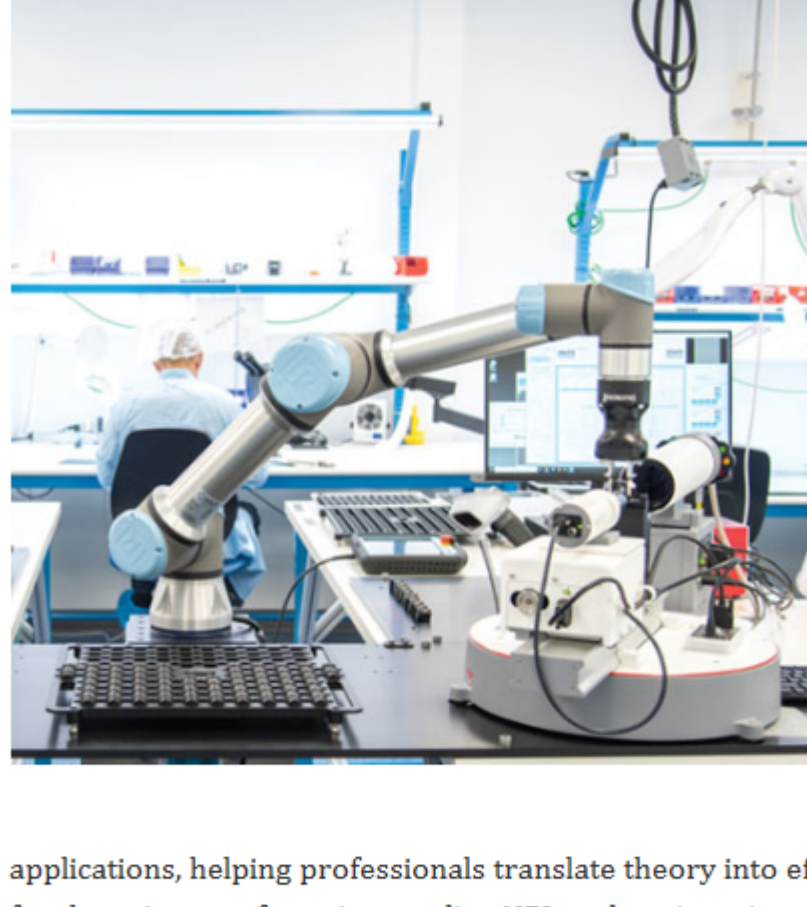
Tools for Analyzing, Controlling, and Simulating Biological Systems

Tue, Sep 16, 2025 1:00 PM - 2:00 PM EDT

It was discovered that one can physically magnify biological specimens by synthesizing dense networks of swellable polymer throughout them, and then chemically processing the specimens to isotropically swell them. This method, which is called expansion microscopy, enables ordinary microscopes to do nanoimaging – important for mapping molecules throughout cells, tissues, and organs. As a second example, Ed's team serendipitously discovered that microbial rhodopsins, genetically expressed in neurons, could enable their electrical activity to be precisely controlled in response to light. These molecules, now called optogenetic tools, enable causal assessment of how neurons contribute to behaviors and pathological states, and are yielding new candidate treatment

strategies for brain diseases. Finally, the development of new strategies such as robotic directed evolution, fluorescent reporters enable the precision measurement of signals as voltage. To reveal relationships between different molecular signals within a cell, there is work of developing spatial and temporal multiplexing strategies that enable many such signals to be imaged at once in the same living cell. Sponsored by Zaber Technologies Inc., Jenoptik and COMSOL Inc.

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Metrology in Manufacturing: How Smart, Inline Metrology Can Set Your Optical Assembly Program Up for Success

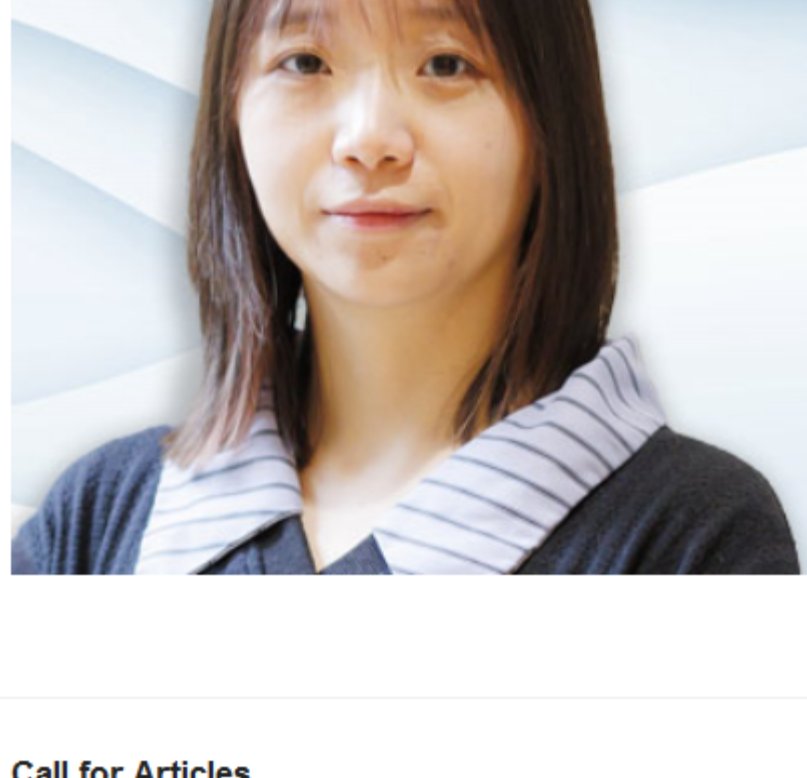
Wed, Sep 24, 2025 11:00 AM - 12:00 PM EDT

A successful optical assembly program depends on meeting goals for quality, cost, and delivery. This session examines how optical metrology—when strategically integrated throughout the manufacturing process—can directly support these objectives. From incoming component inspection to in-process checks and final functional testing, participants will explore where metrology adds the most value and where it may introduce unnecessary cost or complexity. The presentation will offer a balanced view of both benefits and limitations, empowering manufacturers to make informed decisions about metrology deployment. Real-world case studies will illustrate practical

applications, helping professionals translate theory into effective process improvements. This session is especially relevant for those in manufacturing, quality, NPI, and engineering roles responsible for optical or optomechanical assembly production. Presented by Optikos.

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All Things Photonics



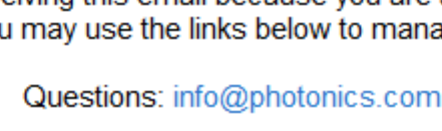
Battling Heart Disease with Photonics – With Yuqi Zhou

Photonic technologies are already being used to battle cardiovascular disease, but emerging technologies could further advance the treatment and diagnosis of the world's leading cause of death. **Yuqi Zhou** is an assistant professor at the University of Tokyo and the lead author of a study on photonics and cardiovascular health. Sitting down with All Things Photonics, she discusses the potential of these systems and the hurdles they still face.

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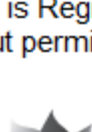


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