



Weekly News

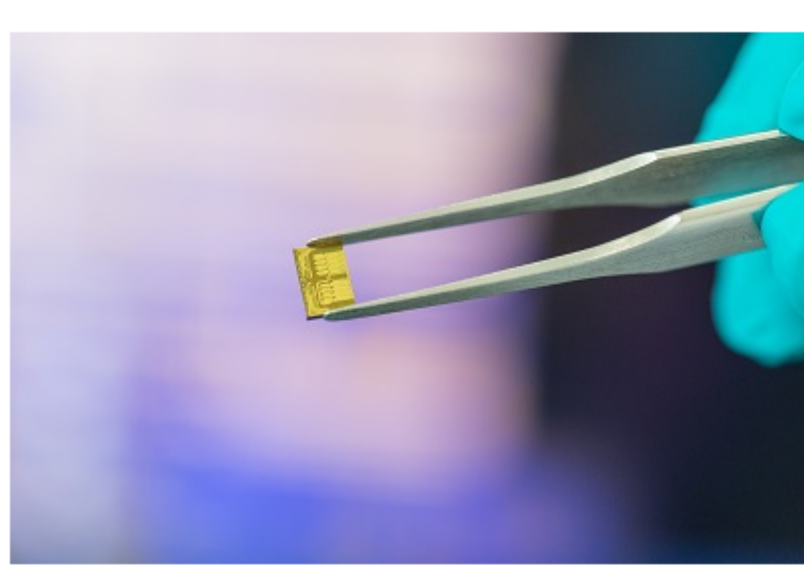
OHARA



Photonics Spectra Now R&D Special

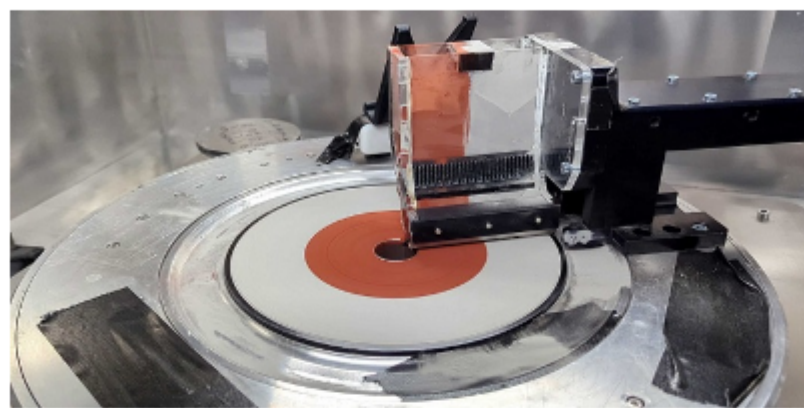
On this special episode of Photonics Spectra Now, we'll take a closer look at some of the emerging breakthroughs in our industry. We're covering everything from advanced holograms, diabetes diagnostics, solar power enhancements, and body awareness in robots. So join us as we celebrate these achievements in R&D! Sponsored by QED Technologies.

[Watch Now](#)



Silicon PICs Company Scintil Photonics Raises \$58M

Scintil Photonics, a developer of heterogeneous integrated photonics technology for AI infrastructure, has completed a \$58 million series B funding round. The company said that it plans to use financing from the round, which included participation from NVIDIA, to expand its business and scale internationally. [Read Article](#)



Rotating 3D Printer Improves Part Manufacturing for Propulsion Technology

A new 3D printing method could streamline the manufacturing process for multi-metal parts, reducing manufacturing time and minimizing material waste. The printer uses laser powder bed fusion technology on a platform

that rotates the powder deposition and gas flow nozzles while printing to enable a continuous, high-speed printing process. [Read Article](#)



Agate Sensors Raises \$6.6M for Everyday Spectroscopy Tech

Agate Sensors, a spinout of Aalto University developing smart sensors for material analysis, has raised €5.6 million (~\$6.6 million) to commercialize a research breakthrough that shrinks spectroscopy from suitcase-sized lab equipment to a single pixel smaller than a grain of sand — integrated into a chip compact enough to sit on the tip of a finger. [Read Article](#)



Featured Products & Services



RADIA V60: Now With an All-New High-Temperature Calibration Mode

Telops Inc.

The Radia V60 by Telops is part of the first family of accessible entry-level cameras. We are proud to announce that it now features an all-new high-temperature calibration mode, supporting user-swappable lenses without compromising radiometric accuracy.

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Compact Autonomous IR Camera Xi 05M ETH

Optris Infrared Sensing LLC

The Optris Xi 05M ETH, a

short-wavelength infrared camera, excels in noncontact thermal imaging of challenging objects. It accurately measures surface temperatures of hot metals, ceramics, and semiconductors. With an autonomous operation mode and motorized focus, it offers reliability and ease in industrial settings without additional hardware.

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Looking for something else? Check the Photonics Marketplace.



More News

[Ayar Labs Enters Collaboration with Fabless Semiconductor Company Alchip](#)

[Inflection to Go Public with \\$1.8B Valuation](#)

[Quantinuum, with NVIDIA Backing, Secures \\$600M in Honeywell-Led Financing](#)

[Micro-LED Firm Mojo Vision Raises \\$75M](#)

Latest Webinars



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

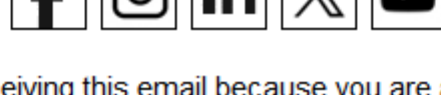
A successful optical assembly program depends on meeting goals for quality, cost, and delivery. This session examines how optical metrology—when strategically integrated throughout the manufacturing process—can directly support these objectives. From incoming component inspection to in-process checks 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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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, or use [our online submission form](#).



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