



Weekly News



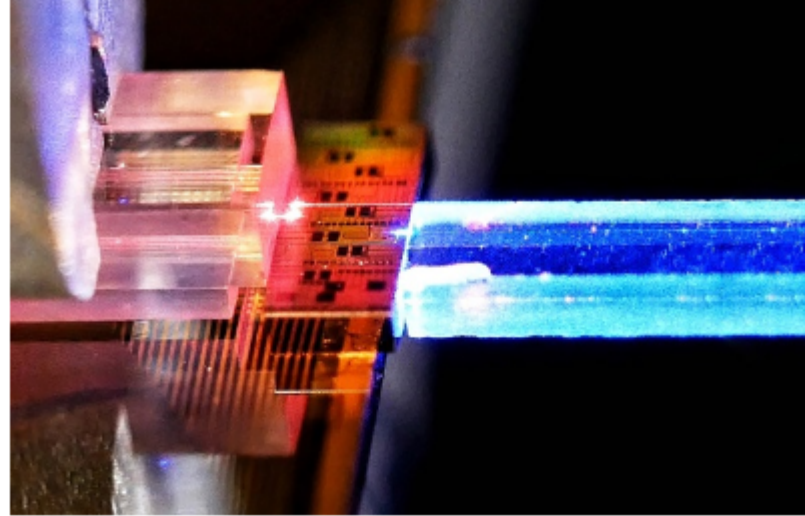
G&H Opens its New Innovation Hub for Life Sciences, and Steering Light with the Power of Sounds

G&H says its new Innovation Hub for Life Sciences can support more than 100 million medical consumable devices per year. Cognex has named Matthew Moschner as its next CEO. Sydor Optics named Matthew and Jonathan Sydor as co-presidents. ams OSRAM plans to sell a portion of its business to raise more than \$565M. IXI gains \$36.5M in Series A funding for adaptive eyewear. The Zeus Laser facility claims

the top spot on the Olympus of lasers with the most powerful

system in the U.S. A breakthrough from researchers at the University of Twente could lead to the creation of atomic clocks small enough to fit into satellites and drones. Sponsored by CeramOptec and Norland Products Inc.

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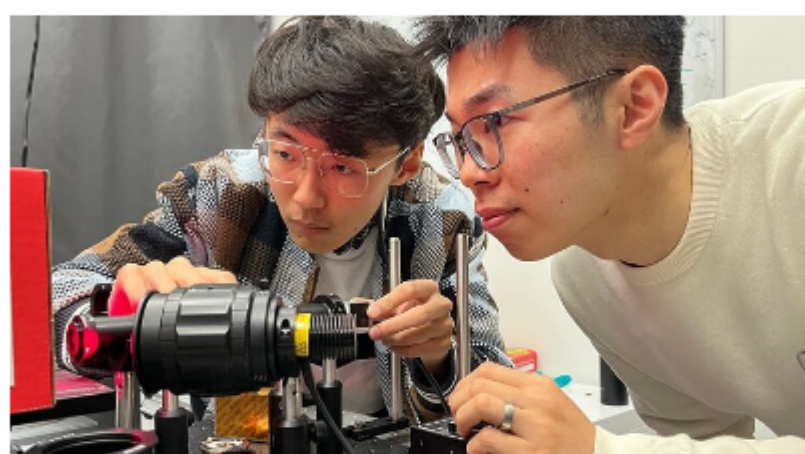
Quantum Communication Network Bridges Rochester Universities

Researchers at Rochester Institute of Technology and University of Rochester recently connected their campuses with an experimental quantum communications network using two optical fibers. The Rochester Quantum Network uses single photons to transmit information about 11 mi along fiber-optic lines at room temperature using optical wavelengths. [Read Article](#)



imec Coordinates EU Chips Design Platform

A consortium of 12 European partners, coordinated by imec, has been selected in the framework of the European Chips Act to develop the EU Chips Design Platform. Funded by the Chips Joint Undertaking, the platform will facilitate access to advanced semiconductor design infrastructure, training, and capital for fabless semiconductor startups, small and medium enterprises, and research organizations. [Read Article](#)



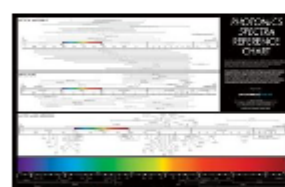
Pair of Techniques Takes Aim at Dynamic Challenges in Computer Vision

Researchers at Purdue University's College of Engineering have created two imaging technologies that could be developed and commercialized for applications such as medical imaging, autonomous navigation, surveillance, microscopy, and advanced manufacturing. The patent-pending

technologies, the CT-Bound and MetaHDR, were created by separate research teams led by Qi Guo, assistant professor in the Elmore Family School of Electrical and Computer Engineering. [Read Article](#)



Featured Products & Services



Photonics Spectra Reference Chart

Photonics Media

Updated in 2024! This full-color, 29.5 × 20.5-inch poster of the photonics spectrum displays the major commercial laser lines, detectors, and optical materials in the ultraviolet to the far-infrared and beyond. The convenient format makes it easy to quickly find the information you need.

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Simplify Your Test Bench Power Requirements

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The P940 allows you to mix and match DC and 3-phase AC supplies, loads, and more in a single 3U chassis with a unified Ethernet interface with programmable monitor outputs.

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More News

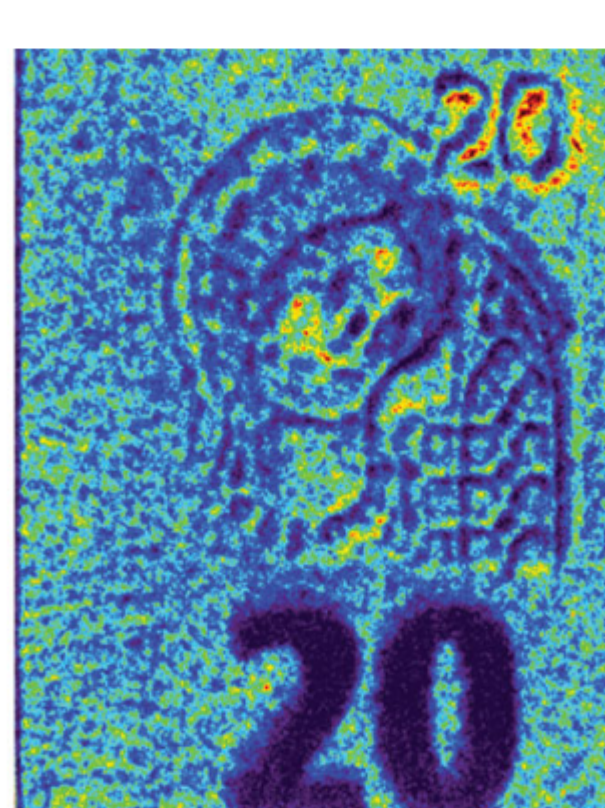
[ams OSRAM Plans to Sell Part of its Business](#)

[Azalea Vision Raises \\$10.3M in Series A](#)

[Silvaco Acquires Fellow Simulation Software Company Tech-X Corporation](#)

[Laird Thermal Systems Rebrands as Tark Thermal Solutions](#)

Latest Webinars



Terahertz TDS: The Pulse Driving Industrial Innovation

Wed, May 28, 2025 10:00 AM - 11:00 AM EDT

Join us for an in-depth exploration of terahertz time-domain spectroscopy (terahertz TDS) and its transformative impact on industrial applications. This webinar will cover the fundamental principles of terahertz TDS while showcasing the latest advancements in Menlo Systems' cutting-edge solutions, now featuring up to four times more terahertz power, 5× faster scanning, and improved detection capabilities with a dynamic range of up to 110 dB and a bandwidth of up to 6.5 THz. Through real-world case studies, it will be demonstrated how these advancements elevate quality control, material characterization, and nondestructive testing (NDT) across industries. Learn how terahertz TDS complements traditional NDT techniques such as near-infrared (NIR) spectroscopy, x-ray

imaging, and ultrasonic testing — delivering deeper insights with unmatched precision and efficiency. Prince Bawuah, Ph.D., will explore practical applications in pharmaceutical manufacturing, semiconductor testing, coatings inspection, ceramics assessment, and electric vehicle battery electrode analysis, among others. Attendees will gain actionable insights into how terahertz TDS helps reduce operational costs, enhance product quality, and optimize industrial processes.

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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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