



Weekly News



Coherent Extends Deal with Apple, Samsung Unveils New Foldable Screens

Coherent has entered into a multi-year supply agreement to continue providing Apple with the lasers needed for its Face ID systems. Samsung Display is introducing its latest foldable OLED panels. San'an Optoelectronics and Inari Amertron have agreed to buy LED producer, Lumileds. Eoptic and Starris: Optimax Space Systems are partnering to build end-to-end satellite imaging payloads. Researchers at the Beijing Institute of Technology have created a low-cost, light-enabled

microphone. And researchers from the University of Illinois Urbana-Champaign have made a breakthrough in VCSEL technology.

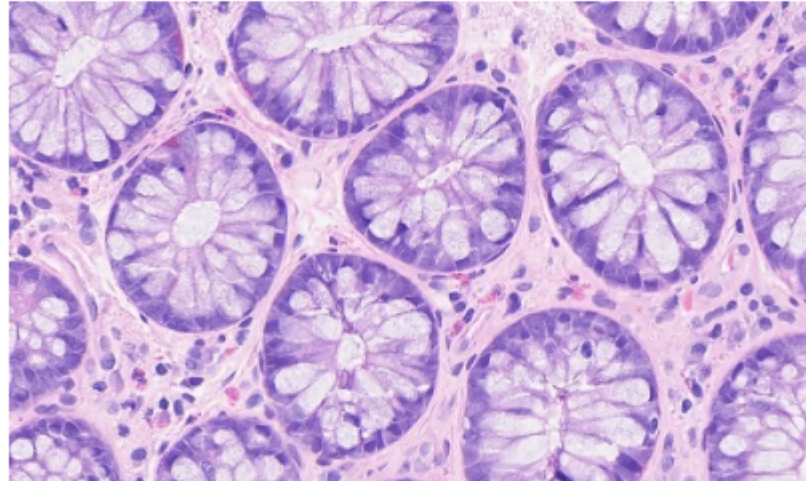
[Watch Now](#)



Molecular Imaging Reveals Source of Polymer Defects in Optoelectronics

A research team from the University of Birmingham used an advanced imaging technique to identify defects in a process that is widely used to fabricate the polymers found in many devices. Lightweight, low-cost, and electrically conductive, conjugated polymers are used in the fabrication of optoelectronic, computing, biosensing, and other applications. They can be printed in thin layers onto flexible substrates,

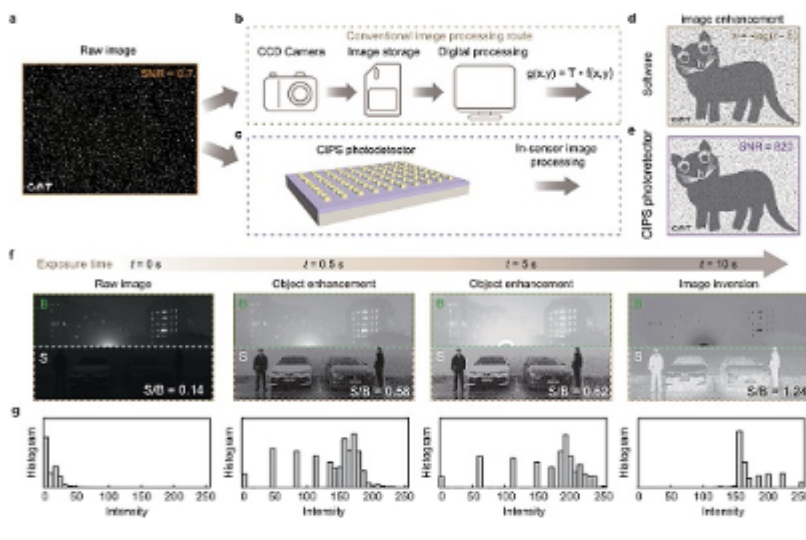
making them a good fit for next-generation technologies. [Read Article](#)



Evident's Pramana Acquisition Will Combine Clinical Microscopy, Digital Pathology Capabilities

Evident has agreed to acquire Pramana, a manufacturer of whole slide imaging technologies and digital pathology solutions. Terms of the deal have not been announced. Founded in 2021 by nference, a leader in multimodal and agentic AI innovation, Pramana develops fully autonomous

image scanning systems, which are designed for use in hospitals, research facilities, and educational institutions. The systems use volumetric imaging techniques to scan specimens at varying fields of view and combine the images into a single fully focused image. [Read Article](#)



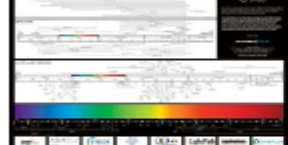
Ionic-Electronic Photodetector Offers In-Sensor Image Processing

Researchers at Fudan University have developed an ionic-electronic photodetector capable of simultaneously detecting light and performing in-sensor image processing. According to the researchers, the device offers the potential to surpass certain limitations of human vision — including color vision deficiencies. At the core of the innovation is a layered photodetector based on copper indium phosphorous sulfide, a

van der Waals ferroelectric material that supports both ionic and electronic conduction. [Read Article](#)



Featured Products & Services



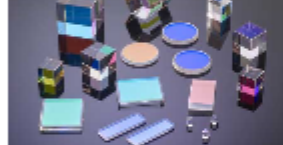
Photronics Spectra Reference Chart

Photronics Media

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.

[Visit Website](#)

[Request Info](#)



HE Laser Mirrors & Beamsplitters

Perkins Precision Developments LLC

PPD's custom Polarizing beamsplitter cubes, dichroic laser mirrors, and output couplers exhibit both low absorption and high damage thresholds (20J!), making them ideal for use with high-energy Nd:YAG and fiber lasers as well as other high-power pulsed and CW laser systems.

[Visit Website](#)

[Request Info](#)

Looking for something else? Check the Photonics Marketplace.



More News

[China's Semitronix Group Acquires PICs Design Leader Luceda Photonics](#)

[Hamamatsu Photonics Selected for Quantum Computing Project](#)

[Bodor Laser Plans to Invest \\$20M Toward U.S. Manufacturing](#)

[Hypervision and imec Collaborate on Hyperspectral Imaging for Surgery](#)

Latest Webinars



Photonics Systems for Human Health Care and Biomedical Research

On-Demand

Advanced photonics technologies that allow stable, intimate integration with living organisms will accelerate progress in biomedical research. These systems will also serve as the foundations for new approaches for monitoring and treating diseases. This presentation describes the core concepts in optics, optical materials, devices, and systems for two classes of such technologies: 1) colorimetric, wearable microfluidic systems for capture, storage, and quantitative biomarker analysis of eccrine sweat, and 2) cellular-scale optoelectronic probes for neuroscience studies in small animal models.

[Watch 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, or [use our online submission form](#).



We respect your time and privacy. You are receiving this email because you are a Photonics Media subscriber, and/or a member of our website, Photonics.com. You may use the links below to manage your subscriptions or contact us.

Questions: info@photonics.com

[Unsubscribe](#) | [Subscribe](#) | [Subscriptions](#) | [Privacy Policy](#) | [Terms and Conditions of Use](#)

Photonics Media, 100 West St., PO Box 4949, Pittsfield, MA 01202-4949
© 1996 - 2025 Laurin Publishing. All rights reserved. Photonics.com is Registered with the U.S. Patent & Trademark Office. Reproduction in whole or in part without permission is prohibited.



Laurin Publishing