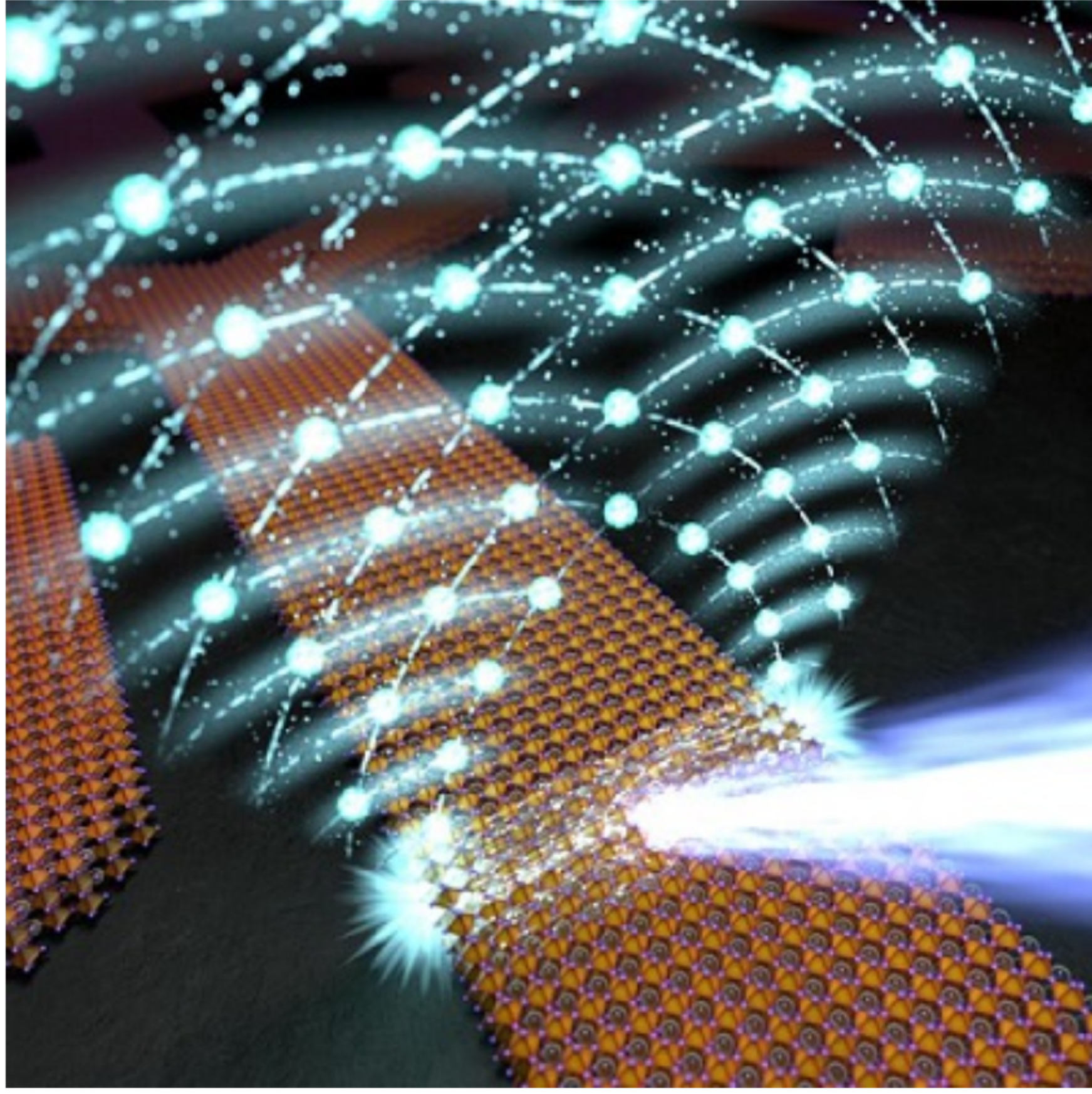


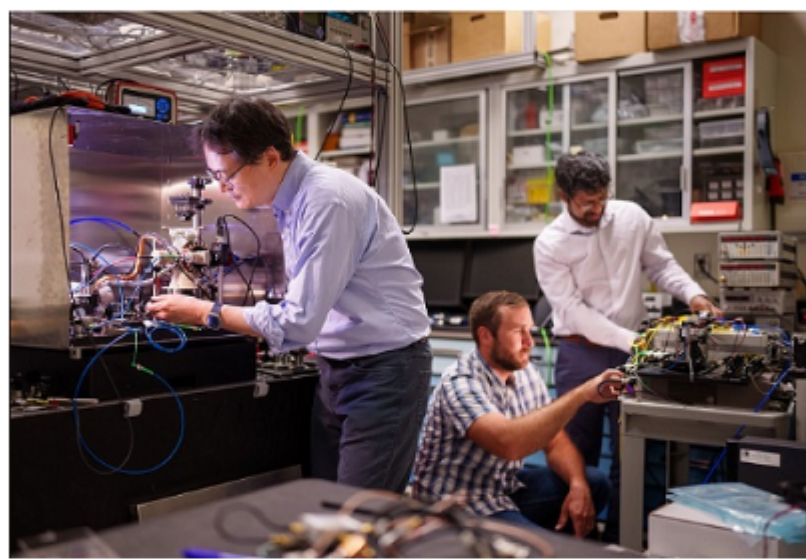


Integrated Photonics Newsletter



Perovskite Waveguides Offer Quantum, Integrated Device Capabilities

A research team from the University of Warsaw, in collaboration with institutions in Europe and Australia, developed a way to efficiently fabricate large-scale waveguiding perovskite crystals in predefined shapes such as couplers, splitters, or microwires. The optical, lasing, and waveguiding capabilities of perovskite make the material a promising platform for integrated photonic circuits for classical and quantum signal processing. [Read Article](#)



Integrated Photonics Shrinks Down GPS-Free Navigation Tech

Researchers from Sandia National Laboratories have used silicon photonic microchip components to perform a quantum sensing technique called atom interferometry, an ultra-precise way of measuring acceleration. It's the latest milestone toward developing a kind of quantum compass for navigation when GPS signals are unavailable. [Read Article](#)

More News

[Electro-optical Tech Advancement to Boost Communications, Imaging](#)

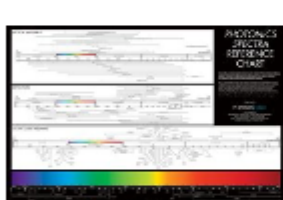
[Micro-rings Make Green Gap Wavelengths Accessible for Tiny Lasers](#)

[Metasurface Manufacturing Method Opens Door to Nano-Optics](#)

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[Integrated Photonics Companies Join Forces, Target Hybrid Solutions Supply Chain](#)

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[Photonic Spectra Reference Chart](#)

Photonic Media

Updated in 2024! This full-color, 30 x 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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Lawmakers Call for Investigation into Chinese Photonics Companies, Celestial AI Acquires Patents

Washington lawmakers want to see federal officials investigate Chinese photonics companies, citing possible threats to national security. Celestial AI acquires silicon photonics patent portfolio from Rockley Photonics. Registration is now open for SPIE Photonics West 2025! Fusion startup Focused Energy announces plans for a new HQ in San Francisco. And Hyundai Mobis wants to project driving details on your windshield. All this on a new Photonics

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