



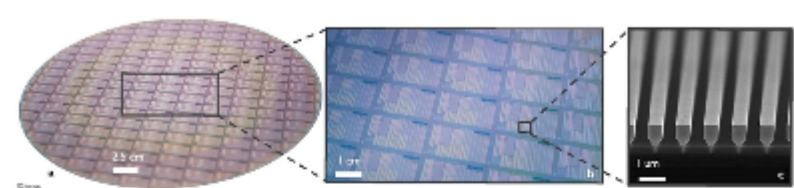
Weekly News



Photonics Takes Center Stage at CES, SPIE Names Fellows and Award Winners

A number of photonics innovations dominated the tech at CES 2025 including AI systems from NVIDIA and autonomous machines from John Deere. SPIE names 47 fellows of the society and gives out some big awards. And a research team at the University of Pennsylvania develops a breakthrough photonic switch. Sponsored by Nyfors Teknologi AB and LightPath Technologies.

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Electrically-Pumped GaAs-Based Nano-Ridge Lasers Fabricated at Wafer Scale

Research hub imec has demonstrated the monolithic fabrication of electrically-driven gallium arsenide-based multi-quantum-well nano-ridge laser diodes on 300mm silicon wafers in its CMOS pilot prototyping line. Achieving room-temperature continuous-wave lasing with threshold currents as low as 5 mA and output powers exceeding 1 mW, the results demonstrate the potential of direct epitaxial growth of high-quality III-V materials on silicon. [Read Article](#)



Sensing and Inspection Specialist EVK Joins Headwall Group

Hyperspectral imaging leader Headwall Group has acquired EVK DI Kerschhagl, an Austria-based technology company specialized in industrial sensor-based sorting and inspection systems. [Read Article](#)



SPIE Names 2025 Society Award Winners

SPIE's Awards Committee has named the recipients of its annual awards, recognizing achievements in photonics research, education, industry, and community leadership. The awards span a broad range of technical and professional areas, including medicine, astronomy, lithography, optical metrology, optical design, and community leadership. [Read Article](#)

Featured Products & Services



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More News

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[Photonics Tech Lights Up CES 2025](#)

[PHOTON IP Raises \\$4.9M Seed Round](#)

[Photoactivated Gel Achieves Bone Regeneration and Adhesion at Same Time](#)

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