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Successfully coating IR materials requires specific expertise



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COATINGS FOR OPTICS

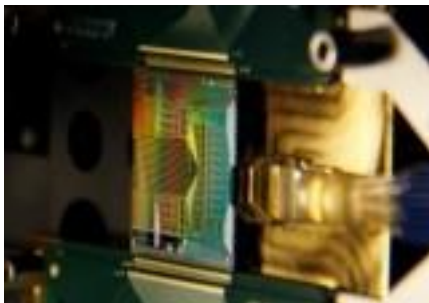
Latest news



Luna acquires €20m LIOS sensing business from NKT

LIOS specialises in distributed fibre optic monitoring equipment; NKT will now focus on its core business of laser and fibre optic solutions

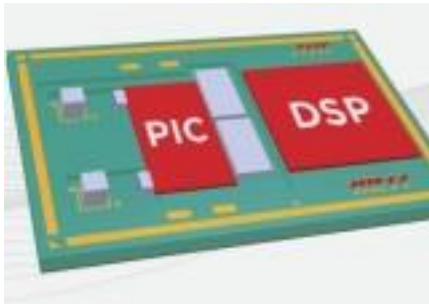
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Scantinel achieves parallelised FMCW lidar on chip

The first demonstrators will be available by the middle of this year

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Effect Photonics buys business unit from Viasit

Effect will obtain coherent optical digital signal processing and forward error correction technology, as well as an experienced engineering team

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HPE collaborates with Ayar Labs to develop optical interconnect

This new technology will support future requirements for high-performance computing and artificial intelligence solutions

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Picoquant employees donate €20k to Ukrainian refugees

Employees contributed more than €10,000 out of their own pockets and Picoquant doubled this sum

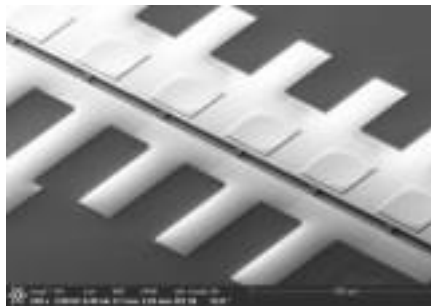
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Startup raises \$105m to re-imagine AI computers using silicon photonics

Luminous will use the funding to double the size of its engineering team, build out its custom chips and software, and gear up for commercial-scale production

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EV Group and Teramont collaborate on PIC packaging technologies

The collaboration will leverage EVG's nanoimprint lithography technology, expertise and services with Teramont's PhotonicPlug technology

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First consumer LiFi ecosystem demonstrated

The demonstration featured connected systems including a downlighter, a smartphone, a smart TV and an AR headset

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Tests validate anti-bacterial effectiveness of UVC LEDs

Researchers at Guangzhou Institute of Microbiology have shown that UVC LEDs from Bolb achieve a 99.95 per cent kill rate for airborne viruses and bacteria

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Viewpoints



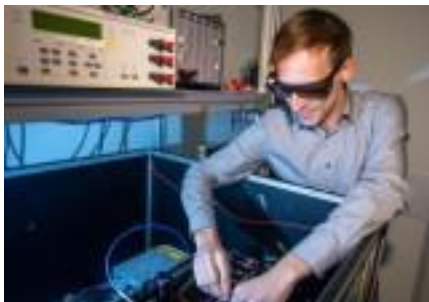
A photonics partnership delivering the full gamut

When Solid State Supplies added PAX pulsed xenon light sources to its existing portfolio of Excelitas illumination solutions, it was the latest step in the development of a fruitful photonics partnership

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The CeNing Optics logo is displayed on a yellow background. To the right of the logo, the text reads "Reliable optics manufacturer" and "Lenses, Prisms, Mirrors, Filters". Below this text is a blue image showing various optical components like lenses and prisms.

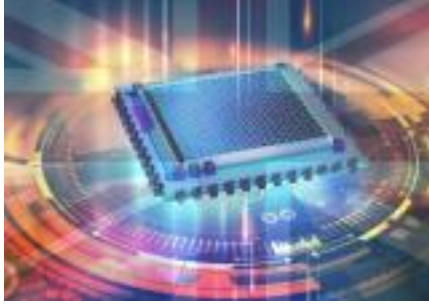
Quantum and Photonics West News



Bosch establishes quantum business, invests €0.25bn in semiconductor fab

Robert Bosch has set up a new business unit to commercialise quantum sensors

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The risks of a quantum leap

Matthew Dale learns that focusing too heavily on quantum technologies could create long-term risks for the UK

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Photonics West on-demand: Quantum's future entangled with photonics

Quantum clocks, computers and data networks could all benefit from advances in photonics, as Matthew Dale discovers

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Photonics West on-demand: Lasers drive new fusion reactions

Rob Roe details how lasers and optics have enabled recent breakthroughs at the National Ignition Facility

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4 Signet Court, Cambridge, CB5 8LA*