

This Week in PHOTONICS



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Hyperfine Spectrometer
A sub-picometer resolution spectrometer in a compact package.

.: Top Stories

Deesha Shah Awarded 2020 Teddi Laurin Scholarship

Deesha Shah has been awarded the 2020 Teddi Laurin Scholarship for her contributions to the field of optics and photonics. Shah is a doctoral student in the School of Electrical and Computer Engineering at Purdue University.

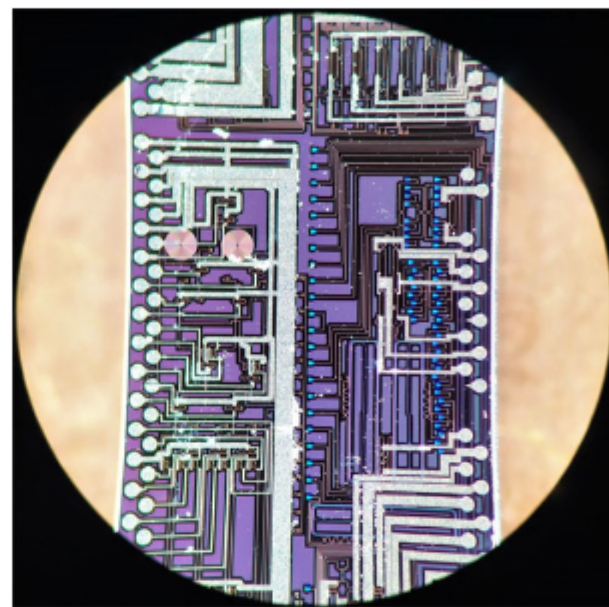
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Discovery Could Enable Large-Scale Quantum Photonics

An integrated photon source with the potential to deliver large-scale quantum photonics has been developed by physicists at the University of Bristol. Integrated quantum photonics is a promising platform for developing quantum technologies due to its capacity to generate and control photons in miniaturized optical circuits.

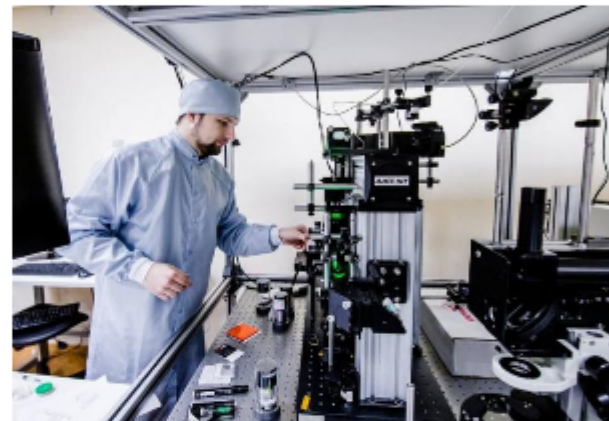
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Metamaterial Can Change Optical Properties, Become Invisible or Reflective in IR Spectrum

Researchers at ITMO University and the University of Exeter have developed a metamaterial capable of changing its optical properties without any mechanical input. The new metamaterial could improve the reliability of complex optical devices while also making them cheaper to manufacture.

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.: Featured Products

Shalom EO



IR Lenses and Windows for Thermal Cameras

Hangzhou Shalom EO

Thermal camera temperature screenings became an

important factor in containing the COVID-19 virus to find elevated body temperature at public places — IR lenses and windows are indispensable parts of thermal cameras. Hangzhou Shalom EO, as an expert IR optics supplier, would like to work with you on resolution of thermal camera optics.

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Northrop Grumman Synoptics

Quasi-Rugate thin film designs are optimized for high-power laser applications for ultra-fast through CW applications across the wavelength range of 355 nm to 2200 nm. Each design has a unique refractive index profile specifically tuned to give optimal performance for our customer's applications.

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.: Industry Events

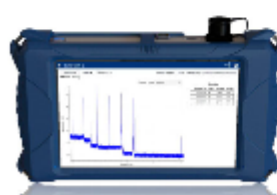
UPCOMING TRADESHOWS & CONFERENCES

Embedded Technologies 2020

June 22-24, 2020

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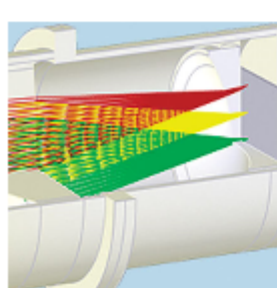
UPCOMING WEBINARS



Upgrade Your Fiber Optic Diagnostics with Portable Ultra-High Resolution Optical Backscatter Reflectometry

Tue, Jun 2, 2020 1:00 PM - 2:00 PM EDT

[Register Now](#)



Ray Optics Simulations

Thu, Jun 4, 2020 2:00 PM - 3:00 PM EDT

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