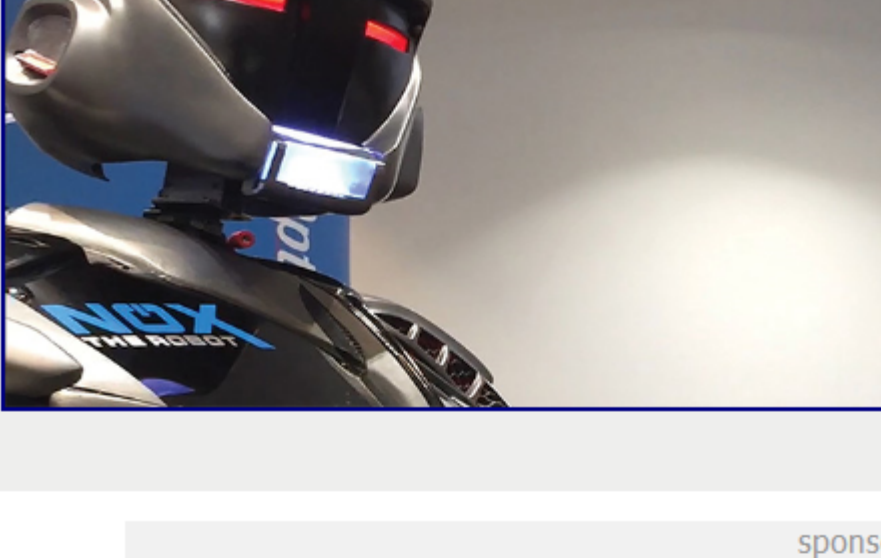




Photonics West 2019 – San Francisco, CA

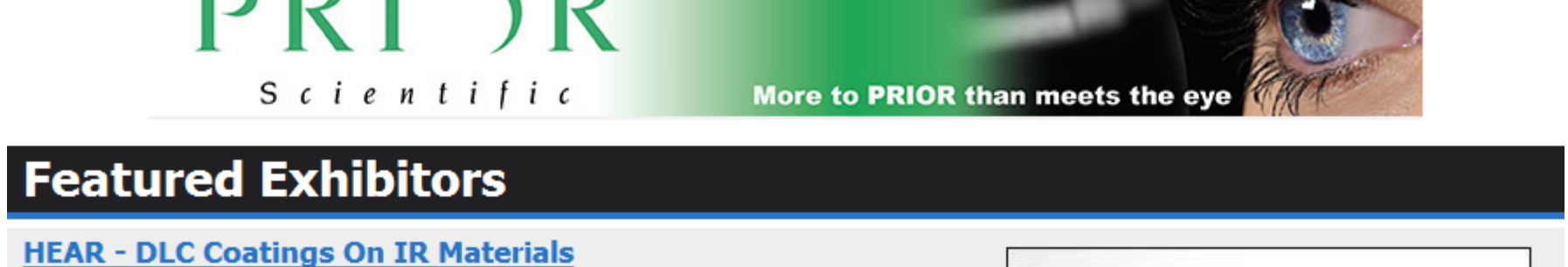
February 2-7, 2019
An advanced look at the products, trends and technologies being presented.



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With over 5000 presentations, more than 1300 exhibitors, 70 courses, three separate conferences, a two-day AR|VR|MR immersive, Prism Awards, a Startup Challenge, and a generous list of other special events, SPIE's Photonics West will again be the most comprehensive and well-attended annual global event for the photonics and laser industries.

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Featured Exhibitors

HEAR - DLC Coatings On IR Materials
From: Applied Optics Center (AOC)
 The Applied Optics Center is pleased to announce that we are adding capabilities which will allow us to supply HEAR (High Efficiency Anti-Reflection) and DLC (Diamond Like Carbon) thin-film coatings on IR materials. A full array of testing has been performed on sample lenses and test results can be provided upon request. These coatings will support both the 3-5µm and 8-12µm regions.



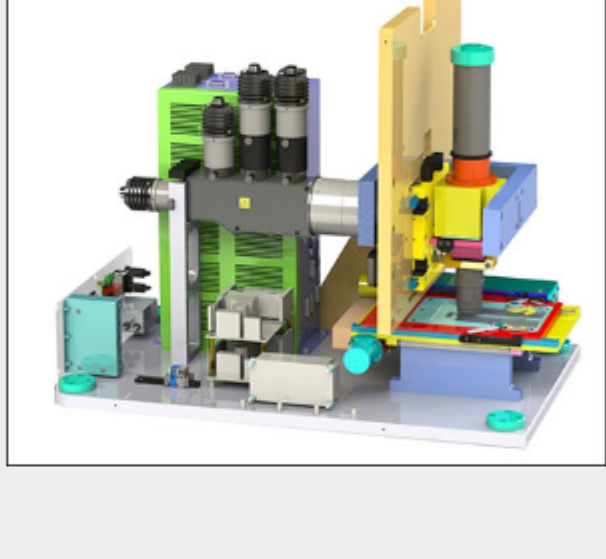
Visit us: Booth # 6043
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High-Performance IR Detector & QCL
From: Boston Electronics Corporation
 Boston Electronics offers from its industry leading partners, fast, non-cryogenic infrared detectors (Vigo System); and high-performance infrared quantum cascade lasers (QCL) from Alpes Lasers. Our fast detectors (room-temperature or TE-cooled) have nanosecond time constants. Tunable QCL are available from 4 to 16+ um, with various packaging options, and fiber coupling. The detectors and QCL are available with supporting preamplifiers, controllers, drive and power electronics for turnkey operation.




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Customized OEM Optical Systems
From: Prior Scientific Inc.
 Prior Scientific is the leading worldwide manufacturer of automated precision components and customized subassemblies for microscopy applications and automated OEM optical systems. Prior will exhibit many off-the-shelf components such as high precision linear and stepper motor XY and Z stages, a range of nanopositioning devices/sensors along with the revolutionary PureFocus850 Laser Autofocus for biological & industrial samples. Prior will also be demonstrating several customized automation solutions at booth #835.



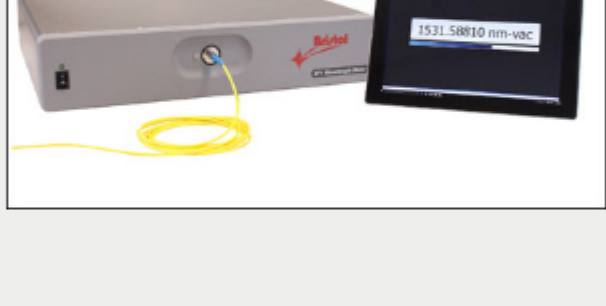
Visit us: Booth # 835
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High Throughput Event Timer
From: PicoQuant GmbH
 As the world market leader in TCSPC timing electronics, PicoQuant has released the MultiHarp 150, its latest generation of bench-top event timers with USB 3.0 interface. With 4 or 8 detector channels, outstanding data throughput, and ultra short dead times, it is ideally suited for photon coincidence measurements and prepared to be used in a White Rabbit timing network.




Visit us: Booth # 4869/4875 (North Hall) and 926 (South Hall)
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High-Accuracy Wavelength Meters
From: Bristol Instruments Inc.
 Bristol Instruments' wavelength meters are used by scientists and engineers who need to know the exact wavelength of their lasers. Systems are available for CW and pulsed lasers that operate at wavelengths from 375 nm to 12 µm. These systems use proven interferometer-based technology to measure absolute wavelength to an accuracy as high as ± 0.0001 nm and offer the fastest sustained measurement rate of 1 kHz.



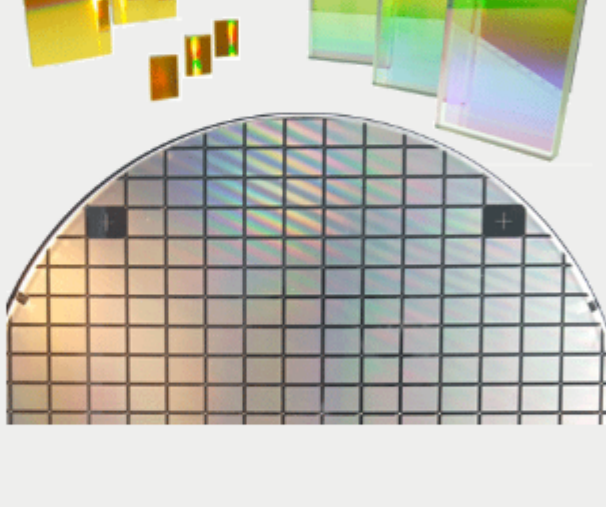
Visit us: Booth # 235
[Request Info](#) [Visit Website](#)

NEW! TORNOS Micro Isolator
From: Electro-Optic Technology Inc.
 Finally - a Micro Isolator you can use! EOT is introducing the TORNOS Micro which features industry-leading size and performance. The TORNOS Micro has a 4 mm cube form factor, >90% transmission, >30 dB isolation, and easily fits inside a standard butterfly package. The TORNOS Micro mounts upstream from fiber reducing splicing and coupling loss. Contact us today for more information.




Visit us: Booth # 2523
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Custom Replicated Optics
From: Holographix LLC
 Holographix designs and manufactures custom high performance replicated optical components and assemblies for a wide range of industries. Our extensive knowledge in replication allows us to produce high performance microlens arrays, diffraction gratings (both transmission and reflection), optical diffusers, and diffractive waveguides for commercial, defense, and consumer applications. For customers that require high volume manufacturing, we offer wafer-level processing on substrate diameters up to 300mm.




Visit us: Booth # 4334
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New DLC TOPO
From: TOPTICA Photonics Inc.
 The DLC TOPO builds on years of proven TOPTICA technology to deliver wide tunability, narrow linewidth, and convenient hands-free digital control over the 1.45 - 4.00µm spectral range. A wide mode-hop-free tuning range up to 300 GHz enables visibility of full spectroscopic signatures, while a 2MHz linewidth reveals narrow atomic and molecular features. Ease of use and high power make this CW OPO the right choice for challenging applications in IR spectroscopy and quantum optics.



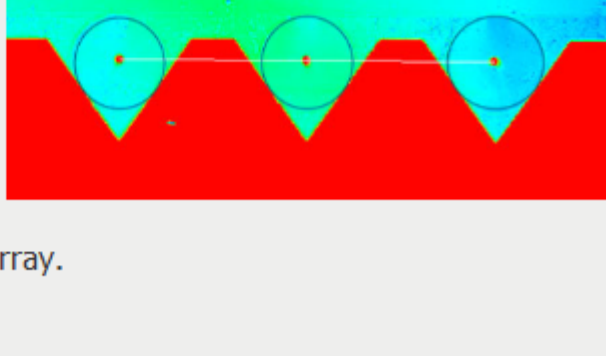
Visit us: Booth # 641
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Broadband Dark Mirror Coatings
From: Deposition Sciences Inc. (DSI)
 DSI dark mirrors are ideal for defining apertures in optical systems where control of stray light and elimination of crosstalk are critical, such as in high-performance, low-light imaging or display systems for military, satellite, security, and hyperspectral applications. DSI process capabilities deliver very broadband performance, and can produce precisely sized apertures ranging from circular to more complex geometries.



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FGC-GA Array Geometry System
From: Arden Photonics Ltd.
 A new measurement system for multifiber V-groove arrays provides production engineers and technicians with the most modern and efficient tool on the market. The FGC-GA uses transmitted light to measure the X and Y offset as well as core-core pitch over a 15mm range. Image stitching is then used to give the user a full image of every core to assess the full width of the array.



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BiOS: Sunday, February 3rd at 3:00 PM
Photonics West: Wednesday, February 6th at 3:00 PM

And as always, you can visit us online at www.photonics.com