

sneak PREVIEW



CLEO – San Jose, CA

June 7-9

An advance look at the products, trends and technologies being presented.



CLEO 2016: An Innovation Playground

For the 36th year, the Conference on Lasers and Electro-Optics (CLEO) will bring together industry players from around the world, from June 5-10 at the San Jose McEnery Convention Center, for technical sessions, special symposia, tutorials, and business programming, all highlighting the latest research, market-ready technologies, and applications in lasers and electro-optics.

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sponsor



Wavelength Meters
Ultimate Precision

Featured Exhibitors

HighFinesse Wavelength Meters

From: **TOPTICA Photonics Inc.**

HighFinesse WS-series wavelength meters boast the highest accuracy. Both cw and pulsed lasers with narrow-band emission can be examined, monitored and even actively controlled. Various models of the WS series are available, covering UV to IR wavelength ranges. The LSA and HDSA models allow for multi-line or broadband spectrum of light sources like cw and pulsed lasers, gas discharge lamps, super luminescence diodes, semiconductor laser diodes and LEDs.



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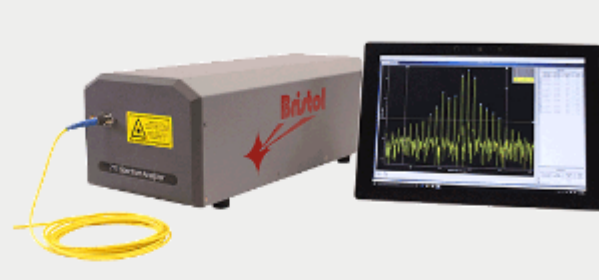
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High-Resolution Spectrum Analyzer

From: **Bristol Instruments**

The model 771 operates as a high-resolution spectrum analyzer and a high-accuracy wavelength meter for CW and high-repetition rate pulsed lasers. A spectrum is measured to a resolution as high as 2 GHz and OSNR is measured to >40 dB. The system's wavelength accuracy is as high as ± 0.0001 nm, guaranteed by continuous calibration with a built-in wavelength standard. Operation is available from 375 nm to 12 μm.



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Mercury™ TOSA with VPS Lens

From: **Photodigm, Inc.**

Photodigm has developed a virtual point source (VPS) lens, specifically designed to correct the astigmatism and reduce the divergence of the fast axis. This proprietary micro lens is mounted on the submount, and contained within the Mercury TOSA. The resulting free-space beam exiting the TOSA is a near-Gaussian, slightly diverging, slightly elliptical beam that can be focused or collimated as needed with a single asphere.



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OZ Optics' Online Catalog

From: **OZ Optics Limited**

OZ Optics Limited has the world's largest fiber optic online catalog (shop.ozoptics.com). Thousands of fiber optic products in stock. Stock items are shipped within 1 or 2 business days. Excess inventory as much as 75% off.



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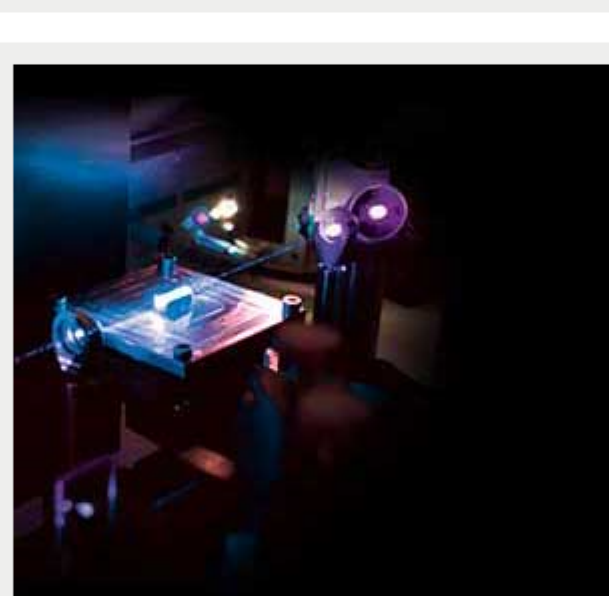
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Laser Innovations by PicoQuant

From: **PicoQuant GmbH**

Three turnkey laser platforms available from PicoQuant provide picosecond light pulses with high versatility. The Solea supercontinuum laser is tunable from 480 to 900 nm, while the VisIR (766 nm) and VisUV offer single wavelengths or combinations of up to three wavelengths (266, 355, and 532 nm). Pulses can be generated at repetition rates of up to 80 MHz, making them all platforms ideally suited for microscopy or spectroscopy applications.



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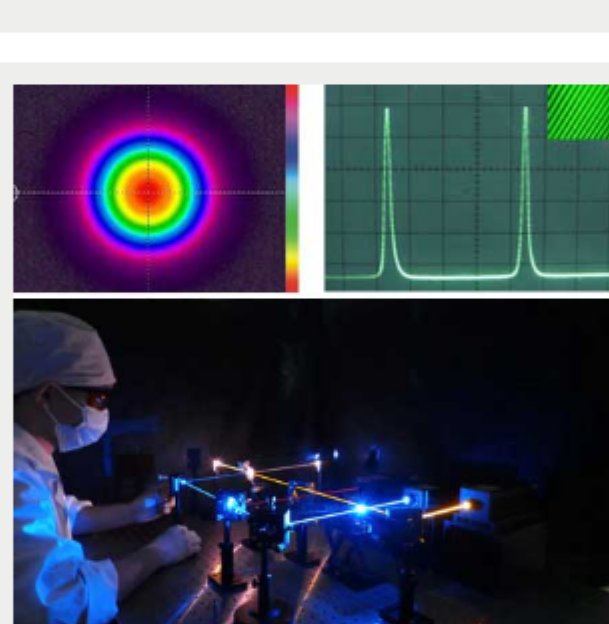
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Leading Laser Manufacturer, CNI

From: **Changchun New Industries Optoelectronics Technology Co. Ltd.**

CNI celebrates its 20 year anniversary, of designing and manufacturing DPSS lasers in the UV, VIS, and IR, totaling over 120 wavelengths. CNI provides frequency stabilization SLM, low noise, mode-locked, line lasers, and fiber coupling lasers, etc. CNI can offer complete solutions and customized services in a wide range of applications, which include scientific, research, optogenetics, PIV, holography, ranging and Lidar, Raman, communication, imaging and more.



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Infrared Polarization Rotator

From: **Innovation Photonics**

- Broadband Achromatic
- Continuous Rotation of POP (Plane of Polarization)
- Continuous Transmission VIS to 9 μm
- Coaxial Input-Output Beams
- U.S. Patent Pending

In stock for immediate delivery.



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Freedom of Freeforms

From: **Optimax Systems Inc.**

Optimax is set up to manufacture, test and deliver high precision optics, including aspheres, cylinders, prisms, spheres and now freeforms. Freeforms have fewer elements, lighter weight and increased flexibility. Stop by and see our new freeform demo.



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New Difference Frequency Comb

From: **TOPTICA Photonics Inc.**

TOPTICA's Difference Frequency Comb (DFC) CORE unit consists of a low noise mode-locked oscillator, a fiber-optic amplifier, a nonlinear fiber for supercontinuum generation, a CERO unit for difference frequency generation (DFG) and a fiber-optic pre-amplifier. The DFC-CORE provides 4 or 8 VCEO-stabilized outputs at 1560 nm. A beat monitoring unit comprising a laptop and a digital scope with spectrum analyzer mode allows for convenient monitoring and analysis of locking beats.



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Astellra

From: **Coherent Inc.**

Reduce your cost of data. Astrella delivers unrivaled advances in reliability in a one-box Ti:Sapphire amplifier. Spend less time on your laser and more time on those things that matter most, like experimentation and data generation.



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