

sponsor

LASER World of **PHOTONICS CHINA**

March 14-16, 2017
Shanghai New International Expo Center

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Sneak Preview

CLEO, San Jose, Calif.
May 12-14, 2015

PHOTONICS MEDIA

THE PULSE OF THE INDUSTRY



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High-Power Optical Isolators

Electro-Optics Technology supplies enabling components and diagnostic equipment for manufacturers and users of high-power laser systems. Products include **Faraday rotators, optical isolators, and fiber collimators** for use with laser diodes, fiber lasers, and solid-state lasers. EOT also stocks a complete line of photodetectors.



Electro-Optics Technology See us at booth 1715
www.eotech.com

High Performance Optical Mounts

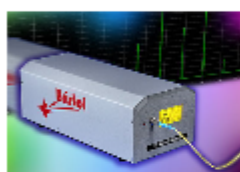
Our new **IXF2.0t series mounts** enable high resolution adjustment in two rotational axes with excellent long term stability, in a format that is ideal for space constrained applications where mount accessibility is limited.



Siskiyou Corporation See us at booth 1335
www.siskiyou.com/index.shtml

New Laser Spectrum Analyzer

The new **model 771** measures the spectral characteristics of CW and pulsed lasers that operate from 375 nm to 12 μm. Wavelength accuracy is as high as +/- 0.0001 nm and spectral resolution is as high as 2 GHz.



Bristol Instruments See us at booth 2119
www.bristol-inst.com

PowerXP Compact Attenuator

The **PowerXP** is a very compact version of a motorized attenuator. This device attenuates free space laser beam (or pulse) continuously without introducing additional energy fluctuations. Contrast better than 3000:1 (Tp:Ts) is achieved, since this attenuator is mounted with high contrast polarizer.



Altechna, UAB See us at booth 2328
www.altechna.com

High-Power Temperature Controllers

The **5400 Series TECSouce** high-power temperature controllers bring power to a whole new level. Up to 960 Watts of TEC power and capabilities including an analog output, digital I/O, and multiple temperature sensors. These new controllers satisfy even your most demanding thermal applications.



Arroyo Instruments See us at booth 2020
www.arroyoinstruments.com

Next Generation Laser Controllers

The **LDC-3706 series of Laser Controllers** consists of industry-leading combination laser current source and temperature controller specifically designed to control quantum cascade lasers and high-power single emitter laser diodes.



ILX Lightwave Corp. a Newport Company See us at booth 1614
www.newport.com/ilxlightwave

CleanTop® Honeycomb Optical Top

TMC's industry-standard **CleanTop® Optical Top** provides the highest core-density and smallest honeycomb cell area in an all-steel construction. Available in standard and custom sizes and three performance levels. Specialty materials, including non-magnetic, cleanroom- and vacuum-compatible tops are also available.



TMC See us at booth 1415
www.techmfg.com

WinCamD-LCM USB 3.0 Beam Profiler

Visit booth 2227 to experience DataRay's compact and advanced **WinCamD-LCM USB 3.0 CMOS beam profiler**, offering update rates of up to 60 Hz, resolution up to 4.2 MP with 5.5 μm pixels! Wavelengths 190 to 1605 nm.



DataRay Inc. See us at booth 2227
www.dataray.com

CLEO 2015

The 2015 Conference on Lasers and Electro-optics (CLEO) will be held May 10-15, with an exposition May 12-14, all at the San Jose Convention Center in San Jose, Calif.



The annual international forum for scientific and technical optics brings together the fields of lasers and optoelectronics, focusing on all aspects of their respective technologies, as well as basic research, industry applications, and more. Attendees will be able to discuss and present groundbreaking research and share ideas. A peer-review program presents content from five core event elements -- QELS-Fundamental Science; Science and Innovations; Applications and Technology; Market Focus; and Expo. Numerous short courses will be offered within these core event elements, including Foundations of Nonlinear Optics, Cavity Optomechanics, and Plasmonics.

Among those slated to speak: Susan Cox, King's College London; Ronald Hanson, Stanford University; Ursula Keller, ETH Zurich (Switzerland); Xiang Zhang, University of California Berkeley (U.S.); Stefano Lupi, Universita di Roma (Italy); Ilya Bezel, KLA-Tencor Corp. (U.S.); Rainer Paetzel, Coherent GmbH (Germany); Seemantini Nadkarni, Harvard Medical School (U.S.); and Seung-Woo Kim, Korea Advanced Institute of Science and Technology (South Korea).

Photonics Media will sponsor the Technology Transfer program this year on Thursday, May 14, which gives researchers the chance to learn about turning their discoveries into marketable products. Topics to be discussed include technology licenses, funding and partnerships.

Two plenary sessions are scheduled during CLEO 2015. Speaking during the first (Monday, May 11) are: Tony Heinz from Columbia University (U.S.), who will discuss Electrons in Atomically Thin Two-Dimensional Crystals; Stefan W. Hell from the Max Planck Institute for Biophysical Chemistry (Germany), a 2014 Nobel Prize Winner in Chemistry who will discuss Nanoscopy with Focused Light; W. E. Moerner, of Stanford University (U.S.), also a 2014 Nobel Prize Winner in Chemistry, who will present Light Paves the Way to Single-Molecule Detection and Photocontrol, Foundations of Super-Resolution Microscopy; and Eric Betzig from the Howard Hughes Medical Institute (U.S.), a 2014 Nobel Prize Winner in Chemistry who will talk about Imaging Life at High Spatiotemporal Resolution.

Networking events and poster sessions will also be held, in addition to fun gatherings such as the Photonics Media-sponsored Exhibit Happy Hour and International Year of Light Reception.

For more information, visit:
www.cleoconference.org.

Stop by our booth

Visit Photonics Media at booth #1318 and pick up the latest issue of Photonics Spectra, BioPhotonics, EuroPhotonics, and Industrial Photonics magazines, and enter our drawing for a \$100 Amazon gift card! Be sure to stick around for the [CLEO Exhibit Happy Hour](#) and International Year of Light Reception on Wednesday, May 13th from 4:30 PM – 6:30 PM PST, sponsored by Photonics Media. And as always, you can visit us online at www.photonics.com

PHOTONICS.com

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